ESTABLISHED 1848

## SAINT LOUIS, THURSDAY, JULY 21, 1881.

No. 29, Vol. XXXIV.

# Sorgo Gepartment.

The Rural World is the only journal in the United States having a special depart-ment devoted to syrup and sugar making

#### Cane Seed Failures.

seed of some of our oldest producers, seed of some of our oldest producers in the seed of some of our oldest producers in the seed and state and stored was always being a seed of some of our oldest producers and stored was always being a seed of some of our oldest producers and stored was always being a seed of some of our oldest producers and stored was always being a seed of some of our oldest producers and stored was always being a seed of some of our oldest producers and stored was always being a seed of some of our oldest producers and stored was always being a seed of some of our oldest producers and stored away in the tuff in the usual manner; that is, well after once well responsible to the surface on the high table where we have our own plant will inside the seed was perfectly bright and free of must or other evidences of heat. In former times, and until it had become a seening waste of time and money, I applied a test by sprouting and so advised in my writings; but long especies of judging from observation of appearance and the almost unknown failure, led me, as well as the seed was perfectly bright and free of judging from observation of applearance and the almost unknown and the country largely wore. I ampleaded to have been been seed in my writings; but long especies of judging from observation of applearance and the almost unknown and the country largely wore. I ampleaded to know that most of that soot menut men more and the country of the small of our observation of applearance and the almost unknown and the country largely wore. I ampleaded to know that most of the small mind the country largely wore. I ampleaded to know that most of the seed was perfectly bright and free of judging from observation of applearance and the country largely wore. I ampleaded to know that most of the small mind the country largely wore. I ampleaded to know that most of the menuting of the production of the pro the engine will run 25 per cent less powtributions of such seed have been in
small lots, which do not bear so heavily.

I learn of others, whose sales were
large and consequently more serious.

It is my purpose to continue to refund
to those I sold seed, either in good seed,

Thom shag given evidence of his skill
in planning this works, which is designed for a refinery as well as plantato those I sold seed, either in good seed,

Thom shag given evidence of his skill
in planning this works, which is designed for a refinery as well as plantation sugar works. More of their mato those I sold seed, either in good seed,

Thom shag given evidence of his skill
in planning this works, which is designed for a refinery as well as plantation sugar works. More of their mation sugar works. More of the sugar works as the sugar works as the sugar works as the sugar works as the prosperity of the tribute of their fertile fields. sugar makers' supplies, books or cash, is well understood that I do not grow

This season's experience will teach currence. I attribute it to the extra ordinary winter. Indian corn has suf-fered in like manner. I. A. HEDGES

ton's place is near. He has a crop much of which is exposed to that common of which is exposed to that common because of the mysterious fault in the suited for it. True they are subject to giving prominence to sweet potatoes suited for it. True they are subject to giving prominence to sweet potatoes enemy—chinch bug. This gives him great uneasiness. He has ordered a quality. This faulty seed is not conlarger mill than his crop will justify at present showing, and then he is likely to be too late in getting ready. This production, or dealer's trade. There hot, dry weather is sure to hurry up his cane, while all his dependencies are likely to fell be his dependencies are for friend Denton's outcome.

a flourishing little city in a rich coun-been alike failures. There is failure of ty of land. A stock company is formed here and contracted for a five-foot mill, costing some \$6,500, with boiling apparatus \$2,500 more, all to be on the ground by September 1st, about one month too late to meet their necessities. month too late to meet their necessities.

The energy and active spirit of the citizens in this little city has allowed some of them to take chances in the some of them to take chances in the "elephant raffle," and I fear they will come out like our friends of Larned last year from an inefficient will ast year from an inefficient bold, self-sacrificing pioneers, who are great strength and capacity, of which it last year follows the full of this undertaking. last year. There are several causes leading to these premature efforts or rather efforts in excess of the conditions to insure success. First, the great part to make good a warranted mill. He that the consumption of this staple need of a paying, certain crop, to take his roll bursted; then with another roll, town interest to concentrate business came another bill. to its local growth. Third, this is taken advantage of by manufacturers' drumconstruction of the largest works possible as it cants more dollars.

If soliciting agents consider the best interests of the industry and all concerned, they will caution against overdoing lest failure shall follow and a severe backset begiven. I advise in all such large undertakings the necessity of having a thoroughly competent and expe-

chinery is on the ground, and large building, mostly stone, nearly complete. where such articles are not needed. It He was not there I regret to say, as I is well understood that I do not grow wished to meet him on the ground to the seed and am therefore an innocent get items. One thing is evident, Boss party.

Thoms means business. Messrs. Brinkman & Co., have a field of over 700 acres This season's experience will teach us a lesson in this seed business that should shield us from a future like ocservence. I attribute it to the extra ferent parties, thus showing how exceptions of the sum of the sum of the season's experience will teach of good cane and planting or replanting pleased with that country and am calculating in the future to put up quite extensive works in that State. What ferent parties, thus showing how exceptions of the sum o

Bavaria is my next stop, A. A. Denteen acres of good stand Early Amber take the lead in this industry. Her of the sugar industry, but he is deplorlikely to fall behind time. I have fears calls aloud for some more certain method of saving seed. The seed from Next stop, July Fourth, is Ellsworth, Schwarz and R. R. Scott of Illinois, have obtain the required juice, his mill broke. strengthened the weak plates, and then

Now this is all wrong, and our sorgo friends cannot go about setting these mers whose interest is to induce the matters right too soon. Let a few cases be put through a legal process of settle-ment, and then manufacturers will not cally good repairs free but be careful about blowing their mills above their real merits. Any mechanic of skill that countries, principally from Cuba, Manwill examine that broken roll will see illa, and the Sandwich Islands. The suthe want of knowledge of the true principles required for constructing such

There is a mystery in connection with the failure of cane seed to germinate this season that baffles all my experience. I have found this failure to be quite general, and apply to the seed of some of our oldest producers.

I have found this failure to be quite general, and apply to the seed of some of our oldest producers.

I have found this failure to be quite general, and apply to the seed of some of our oldest producers.

I have found this failure to be quite general, and apply to the seed of some of our oldest producers.

I have found this failure to be quite general, and apply to the seed of some of our oldest producers.

I have found this failure to be quite general, and apply to the seed of some of our oldest producers.

I have found this failure the magnitude of the understand the find and factory. They are not aware of the magnitude of the understand the find and factory. They are not aware of the magnitude of the understand the find and factory are not aware of the magnitude of the understand the find and factory are not aware of the magnitude of the understand factory. They are not aware of the magnitude of the understand factory aware of the magnitude of the understand factory. They are not aware of the magnitude of the understand factory aware of the magnitude factory aware of the understand factory aware of the understand factory aware of the understand factory aware factorial factory aware factorial factory aware factorial factory aware factorial factory aware

## Inquiries Answered.

Mr. I. A. Hedges, I have just returned from an extended trip in Kansas and found your letter awaiting me. I have made arrangements to set up my ractory in Rice county, Kansas, and will ship it immediately. I am very much pleased with that country and am calpleased with the country and am calpleased with MANHATTAN, Kan.—After ten miles you can sell such syrup as Bogarth ride in the country, I find our old Approach (Area of Approx 1977).

E. BLAKESLEE. REPLY, by Mr. Hedges.—Kansas will and learn the best varieties and modes be very cheaply spread out in channels About the price of Bogarth's syrup, or by car load, at present outlook. I omitted to assign one other favorable condition in Kansas, which is the far-seeing and liberal policy of her railroad managers in offering facilities to these

#### Our Future Supply of Sugar. Some of the best informed sugar ex

of this country have estimated within the limits of our vast country will this year reach the enormous amount of 1,225,000 tons.

Of this quantity our own state will furnish probably 125,000 tons. The various beet, watermelon, sweet potato and glucose or corn sugar manufactories of the country, together with the must be provided for by the importa-tion of the precious staple from foreign The su-

gar of this latter country is all consum-ed on the Pacific slope.

The manufacture of the sugar from

coast of South America, as well as the western is and of the Antilles, will pour the rich tribute of their fertile fields into the heart of our beloved city, and will furnish a moiety of the sugar needed by our fifty odd millions of population, while there is nothing to prevent the establishment of a sufficient num-ber of sugar refineries in New Orleans

extensive works in that State. What do you think of Kansas for syrup producing? At what price do you think Philadelphia snatch it from them while they are calculating the risks and profits?—N. O. Democrat.

The writer of the above may be very go has done well, and as her pushing ture, and to ignore entirely sorghum is people study the habits of this crop ridiculous. The writer is either ignorof culture, success will be assured, so prejudiced against it as not to give it sugars. That Arkansas valley is a grand gar- the position it deserves. We are aware den, with a river laying so high as to there is a prejudice in the south toward sorghum, but there should be none. We for irrigation if needed, we are all sat-should work hand in hand and side by it will make a sure and early crop. As long as our country is a large imsuch as it, I can get 45 cents per gallon ers can aid in furnishing the needed supply, they should have the support the south. Some of the more prejudiced writers in the South may think they can snub and ignore sorghum growers, but they will find their mistake. They will learn that sorghum will produce a thousand times more sugar and syrup than sweet potatoes and watermelons combined. We will show hem sugar this year from sorghum not

# inferior to that from the ribbon cane.

Domestic Sweets. COL. COLMAN: The sorgo plant is pre-eminently the source of our domes tic sweets. It alone has the widespread adaptability which renders its supplies inexhaustible. Yet monopolies cannot grasp true cane sugar with sufficient ease to satisfy their greed. As we have no security that the refined product in their hands will become pure lake water, the sorgo mill becomes our surety for wholesome sweets as the cow is for milk, sweet cream and fresh butter. So determine the size of your machinery. In all those new movements, much confusion and loss must in its infancy. Yet the enterprising ensue.

watermelons and sweet potatoes is still butter. So determine the size of your ments, much confusion and loss must in its infancy. Yet the enterprising farmers of the northwest and the Paquestion. If the local demand is great, ments, much confusion and loss must reinced man on hand to take charge of and carry to completion, such enterprises. This seems to be lacking in most of the seems to be lacking in ments, much confusion and loss must farmers of the northwest and the Parameters of the seems to be lacking in ments, much confusion and loss must farmers of the northwest and the Parameters of the northwest and the Parameters of the seems to be lacking in ments, much confusion and loss must farmers of the northwest and the Parameters of the northwest and the Parameters of the seems to be lacking in ments, much confusion and loss must farmers of the northwest and the Parameters of the northwest and the Para

White Water, Kan. July 13th.

#### Cane in Texas.

A change of subjects is out of taste I know, but when I feel that it is necressary to say a thing, however un-pleasant, I must say it. Texas is on a boom and a big one. Railroad iron ash, nitrogen and other substances and immigrants are pouring over our borders at an unprecedented rate. And which are found in farm crops. Of the I have introduced this subject, simply three very important and valuable subto say to some of your well-to-do north-ern farmers, that this boom will land some of them high and dry on the staked plains of western Texas, to be seen the following year, wending their way homeward on an ox car, bearing the conviction if not the inscription, "we're busted." The agriculturist who comes to Texas must settle in the central, northern or eastern part. The west must remain a herding ground forever. So look before you leap, and be sure you are not deceived when you look. Caddo Grove, Texas, July 8. M. C.

## About Sugar.

We take the following from the United States Economist:

The table of the values of imports into the United States for the year 1880, gives the extraordinary large sum of \$78,852,117, as having been expended by ant of the large planting of sorghum or this country in the purchase of foreign particular attention to the subjects of ugar raising and sugar importation, the idea has largely prevailed that the United States produced quite sufficient sugar for its home consumption, and isfied, but if cane is planted in the fall side with our southern sugar planters. ally out of the country a sum of such As long as our country is a large im-porter of sugar, if the northern plant-largely used article will, it is hoped, direct public attention more directly to this subject, and finally secure the adoption of such means as will perfectly and sympathy of the sugar workers of develop and stimulate the home manufacture of sugar. The three great sugar producing states, before the war, were Louisiana, Texas and Florida. Their Louisiana, Texas and Florida. Their combined production for the year 1861-2 nitrogen in a crop of clover as in the was unprecedently large and was esti-average produce of the grain and straw mated at 191,000 tons, or 427,840,000 of wheat per acre. was unprecedently large and was estipounds.

In 1865, however, this branch of industry had become so nearly extinct that it was estimated that no more than 5000 tons of domestic cane sugar entered in- cumulates in the soil to the total sugar consumption of country. Last year the home production of sugar from the tropical cane was about 250,000,000 pounds, while our importations are placed at 1,741,650,000 pounds, and these figures, it must be understood, do not include the molasses, melado and other forms of sucrose.

In Europe the manufacture of sugar from the sugar beet has been France producing more than one half of the home consumption. Though long before suggested and tried in Germany sugar manufacture is purely rench in its economical origin. Continental system of the first Napoleon raised colonial produce to a fabulous price. At six francs per pound colonial sugar was within the reach of few.

The high price led many to cast about for means of producing sugar at home,

and a great stimulas was given to this research by the magnificent premium most of these movements. This I have anticipated as those who have read my many warnings know, and I will here repeat that this diffilly will be magnified annually unless checked by the French army and also in the direction of the operations of a surgical ratios of some stupendous failures. This company deserves success.

Sands of acres of rich land which have tation greater than the difference in the three difference in the cost per gallon of the small over the successful discoverer of a permany tation of the successful

From Ellsworth I took overland passage with mine host of the "Cottage has ge with mine host of the "Cottage has of his own planting some 30 acres of splendid cane nearly shoulder high seat of Rice county, and thence in hack to the thriving town of Sterling, on the has Early Orange, Kansas Orange and Atchison, Topeka & Santa Fe railroad. This vicinity is more alive to the sugar interest than any place of its numbers in the State. There are two works going up here, either of which would be enough for a year or two until they in the State. There are two until they in the State of the sugar in the State. There are two until they in the State of the sugar in the State. There are two until they in the State of the sugar in the State. There are two until they is the enough for a year or two until they in the State of the sugar in the State. There are two until they is the enough for a year or two until they in the State of the sugar in the State. There are two until they is the enough for a year or two until they in the State of the sugar in the State. There are two until they is the enough for a year or two until they in the State of the sugar in the State. There are two until they is the enough for a year or two until they in the State. There are two until they is the sugar in the State. There are two works going up here, either of which would be enough for a year or two until they in the State. There are two until they is the sugar in the State. There are two works going up here, either of which would be enough for a year or two until they in the State of the sugar in the state of all articles of which sugar that the after juice heated by the sun facture of all articles of which sugar that the after juice heated by the sun facture of all articles of which sugar that the after juice heated by the sun facture of all articles of which sugar than the after juice heated by the sun facture of all articles of which sugar that the after juice heated by the sun facture of all articles of which sugar that the following for t with sorghum, yielding the most satisfactory results, and from this point it is hoped to obtain the production of this valuable article. The Government should endeavor to facilitate and help

lupins, and lucerne.

stances just named, nitrogen is the most precious and costly to obtain. In various places there are abundant supplies of potash and phosphoric acid. As may be said, these are "in sight." Agricultural chemists are now studying on the problem of the future supply of nitrogram for agricultural burneys. gen for agricultural purposes. So far, clover seems to be the important factor in this problem.

Whole crops of clover are often

plowed under to restore or keep up the fertility of the soil, but I am safe in say-ing that it has been proven a better practice to cut off the clover, feed it and use the manure, than to plow under the whole crop. In other words, for various reasons, all of which may not seem plain, it has been shown that plowing under a clover stubble is followed by about as good results (often better) as though the whole crop was turned untry in the purchase of foreign der. Again, Vælcker shows that "land With those who have not given on which clover has been grown for seed in the preceding year yields a bet-ter crop of wheat than it does when the clover is mown twice for hay, or even once only, and afterwards fed off by sheep.

Says Dr. Vœlcker in the Journal of the Royal Agricultural Society of Hng-

"1. A good crop of clover removes from the soil more potash, phosphoric acid, lime and other mineral matters, which enter into the composition of the ashes of our cultivated crops, than any other crop usually grown in this coun-

try.

"2. There is fully three times as much "3 Clover is an excellent preparatory

crop for wheat.

"4. During the growth of clover, a large amount of nitrogenous matter ac-

cumulates in the soil.

"5. This accumulation, which is greatest in the surface soil, is due to decaying leaves dropped during the growth of clover, and to an abundance of roots. containing, when dry, from one-and-a-half to two per cent. of nitrogen.

"6 The clover roots are stronger and more numerous, and more leaves fall on the ground when clover is grown for seed than when it is mown for hay; in consefully accomplished, both Belgium and quence, more nitrogen is left after clover

seed than after hay.

"7 This crop causes a large accumulation of nitrogenous matters, which are gradually changed in the soil to ni-

trates.
"8 Clover not only provides abundance of nitrogenous food, but delivers ance of nitrogenous food, but delivers this food in a readily available form (as nitrates) more gradually and continuous ly, and with more certainty of a good result, that such food be applied to the land in the shape of nitrogenous spring top dressings."—Prof. W. J. Beal in Clover Leaf.

The Whitman Agricultural Co. are build-ing a new factory which is 255 feet long, 45 feet wide, three stories high and basement, with two ells. Also blacksmith shop 75 by 35 feet, and fire-proof pattern building 40 by 20 feet, two stories high, with all modern im-

# Che Grange.

[The Rura. World welcomes to the Grange Department communications from Missouri and all parts of the Mississippi Valley from mombers of the order. Brief notes of what is going on in the order, or any matters pertaining to it will be cheerfully published.

#### Official Grange Paper.

At a meeting of the executive committee of the Missouri State Grange, held in the city of St. Louis on the 3d day of December, 1880 all the members being present—it was agreed to accept the proposition, submitted by Col. Norman J. Colman, for publishing the official grange communications in the RUBAL WORLD turing the two ensuing years.
A. M. COFFEY,

Secretary of Executive Committee. Knob Noster, Mo., December 6, 1880.

Rolla State Grange Resolutions. The Missouri State Grange, at its late see sion at Rolla, unanimously adopted the fol-

owing: Whereas, Colman's Rural World was one of the first papers in Missouri to espouse the grange cause, and to urge the farmers of the State to organize themselves into granges;

Whereas. It has ever been the faithful, carnest and consistent friend of the grange and of the agricultural classes of the State mealously laboring to advance every agricultural interest and to elevate the profession of agriculture to a higher standard; there-

Resolved, That the Missouri State Grange cordially indorses Colman's Rural World and recommends is to the support of the Patrons of Husbandry of the State of Mis-

of the St. Louis County Grange at Merramec on the first Wednesday of August at 10 a. m. Business of importance will come before the meeting.

#### Examples of Watered Stock.

Louisville and Nashville stock was worth, at currant prices, \$5,041,100; a for legislative action arrives. day or two ago, also at current prices,

#### Monopolies.

capital, or by government-

seaboard to such point west as may be strength, as well as wealth, intelligence necessary to secure command of and moral worth.

He emphasized forcibly the power are becoming undearable, and must be both of State and National control, and looks to these for the ultimate solution of the problem, in connection with the ished, thus destroying the very foundaestablishment of routes of water trans-

It is worthy of special notice that this man who has been maligned as the friend of monopolies and who is now a candidate for U. S. Senator, should take the highest ground yet taken by any man in the United States in favor of government control. And we submit that it is the only true and safe ground The right to control is in the general government by express constitutional provision.—Newton Journal.

## The Grange.

We hear from many sources great surprise expressed at the rapid growth the future, it will live, for its principle of public sentiment in favor of an equality of rights, and particularly in regard to the fact that progress seems more rapid in the agricultural districts than his conceit shun its gates; but while human institutions moulder and crum-

developing in our country an organization destined in the nesr future to effected in the grange cause to elevate i fect results, startling in their character to the careless observer. The fact that during the past nine years the thoughtful men and women from our barren have anywared together. The fact chance, if we have the mind to use it but, alas! there is a lack of knowledge which same have not attained and like farm homes have convened together on an exact equality to consult upon fear much has been owing to indiffer

of ownership in land, experience and

We know of no better form of clubs or no association that suggests such possibilities of usefulness as the Grange, and our earnest hope, is that the earnest women of rich and varied experience that the control of the suggests ence, to-day living in our farm homes, may appreciate and use this organiza-tion and render it strong and pure.

#### Railroad Freights on Produce.

The subject of railroad transportation is becoming one of great importance to tarmers. The exorbitant rates burdensome to producers, and it behooves those interested to adopt measures to prevent further injustice and extortion. The new principle, now boldly advocated and largely adopted by railroad corporations, to charge what the traffic will bear," instead of basing the charges for carriage on the "cost of the service," is most unjust and fast placing the rural producers of the country at the mercy of grasping monopolists. Unless this injustice is speedily checked and that affectively conily checked, and that effectually, our farmers will ere long become vassals, and be compelled to give most of their profits as tribute to railway companies, instead of gradually increasing in wealth and independence as should all onest and industrious producers.

The farmers of this country are numerically the strongest of all the industrial classes and should exert a controling influence upon all legislation affecting their pecuniary interests. Yet the facts are that both the State and Na tional laws which most directly affect the rights and interests of the rural population are enacted by lawyers, bankers, merchants and manufacturers. There will be held a regular meeting. The reason of this is very obvious. It the St. Louis County Grange at Meris because the farmers are not properly represented in our legislative bodies. In most instances, instead of selecting law-makers from their own class or oc-cupation, they seem to prefer lawyers or other professionals, and the consequence is that, however strong may be A little less than three years ago— the pledges of fealty to producers before in September 1878—the entire issue of election, the representatives chosen are wont to be found on the side of the corporation monopolists when the time

The true remedy for the growing evil it would have taken \$9,196,000, and this after a stock dividend of 100 per cent. Rock Island, one of the stead-cided action, regardless of party affiliaiest of stocks, could have been bought tions or consideration. A voice in the up entire for \$59,375,000 in 1878; now it would take \$60,742,000 to buy the outstanding stock; New Jersey Central, at the same time, 1878,—and it was not then at its lowest point—would have east \$6778,500 to day with a heavy. outstanding stock: New Jersey Central, at the same time, 1878,—and it was not then at its lowest point—would have cost, \$6,778,500: to-day with a heavier debt before it and very little incontinued in the farmers of the country is and the farmers of the country is the first of the country is a standard or the farmers of the count be needed to buy it. Similar instances might be given without number, but these must suffice now. It will take some pretty close thinking to find out where all the difference comes in.—

New York Graphic.

continue to appreciate the justice of their claims and their undoubted power to enforce them." The great body of industrial citizens and producers thus referred to should appreciate their powers and defeat the machine to enforce their claims. Should be an extensive range that the product of the power industrial citizens and producers thus referred to should appreciate their powers and defeat the machine to try to rear them with any degree of satisfaction or profit. They should be to enforce them." The great body of industrial citizens and producers thus referred to should appreciate their powers are them with any degree of satisfaction or profit. They should be to enforce them." The great body of industrial citizens and producers thus referred to should appreciate their powers are them with any degree of their claims and their undoubted power to enforce them." They should have plenty of industrial citizens and producers thus referred to should appreciate the justice of their claims and their undoubted power to enforce them." They should have plenty of industrial citizens and producers thus referred to should appreciate their powers. and defeat the machinations of monop-land defeat the machinations of monop-olists. And if they were properly rep-seven in the evening, and we know of resented by true men in our State and no food more suitable than egg-bread. Monopolies.

On this subject much is said that is mere bosh. There is no such thing as building railroads of any considerable magnitude, except by a combination of capital, or by government. apital, or by government. teen, or nine times the number they For years I have advocated national now have! And in many of our State control, either by law or by building legislatures the farmers are also greatly one or more through lines from the are entitled to according to numerical

freights. Wallace, of the Chronicle, has the following on the subject. In speaking of J. F. Wilson he says:

Surely it is high time that the ruralists of this land should come to the front and be properly represented in our legislative assemblies. But meaning of J. F. Wilson he says: the following on the subject. In speaking of J. F. Wilson he says:

The ablest contribution to the subject that we have met is the speech of James F. Wilson at the canal convention in Davenport. He shows very clearly that when pooling is possible competition brings rates at terminal points too low, either one or the other road must go into bankruptcy, or the loss must be made up by extortion from non-competing points; that the building of more roads than are necessary to any point in the vain hope of competition impoverishes both the country and the railroads.

He amphasized forcibly the power the contribution to the subject that we have met is the speech of occupation as law-makers—they should railroad as law-makers—they should take measures to influence legislation in the right direction. Individually and through their organizations they should appeal to their representatives for protection and justice. In the matter of freight discrimination, for instance, they should inaugurate a movement demanding such legal regulations as will compel railway companies to fairly perform their duties to the producers of the country. The truth is that the encroachments of corporations are becoming undearable, But meantime—while lacking men of their own occupation as law-makers—they should rail to be taken beyond the limits of the poultry run and deeply buried.

A correspondent of the New England Farmer describes the hennery on the estate of Mr. John W. Brooks, at East Milton, Mass., and the mechanical arrangements for hatching consists of four ranges of coops, each 170 feet long by 15 wide. The southern side is provided with large windows, occupying nearly half the front side of the building, and also with sliding wooden ventilators, which can all be thrown open or closed together by means of a simple attachment of wire running the whole

The grange has its appointed work, and if every one will put a shoulder to the wheel, the Mecca lands of Faith Hope and Charity will soon be reached Life is something more than living, and he who expends the energies of his soul looking after mammon will never see the light of a higher life. Then why should we not work together for good, to the end that our lives may not be alto the end that our lives may not be altogether in vain? The past achievements of our order are at least secure. Its victories and influences have been as numerous and, in most cases, as delicate as the sands upon the seashore, for the future, it will live, for its principles and declarations are founded on truth and instice. The fool in his heart may are requested to suggest a reason. We think the answer may be embodied in two wor s-'the grange."

Silently and unobtrusively there is human institutions modifier and crumbulant into dust, eternal principles never decay. For us "death may be eternal, sleep," but if the grange dies, it will live again in the green spring of human hope and action, blessing millions yet unborn.—California Patron.

I would like to see zeal enough mani on an exact equality to consult upon questions pertaining to the better methods of government in the school and State, may not have attracted general attention, but influences have been set in motion, incalculable in their results, and, as we believe, incalculable for good.

A list of the topics to be discussed during the year, at meetings where men and women meet as human beings mutually interested in all that pertains to life and living, includes the following: Some anvantages of a governmental system of savings banks, arbitration the true principle for individuals and nations, compulsory education, how farmers may make the most of life, home part of education, limitation life, home part of education, limitation life, home part of education, limitation life, includes the following includes the most of life, home part of education, limitation life, home part of education, limitation life, in the world let us live to make each to the happy, let us all be gleaners by the wayside, selecting for use only the true the beautiful and the good.—Aunt life, home part of education, limitation life, in the world let us live to make each to the conclusion that to work and provide the necessaries of life is the chief end of man. But that is not enough; we should have higher aspirations. We find ourselves placed among a vast multitude of people; for what purpose are we here? I can't say; but seeing that we are here in the world let us live to make each other happy, let us lay hold of all the world let us live to make each other happy. In the world, and the good.—Aunt life, home part of education, limitation life, home part of education, limitation limitation life, home part of education, limitation life

#### Grange Notes.

must be making itself felt, as the World, Tribune, and other newspapers controlled in the interest of railroad corporations, instead of answering the arguments of the league, are attacking the care or of its lastice arguments. answering the arguments of the league, are Erastus Ellsworth of East Windsor Hill has attacking the care of its leading members.

in Michigan recently, by a patron of another State injuiring for farm property, as the writer wished to settle in Michigan. He says: that is to my wife and me an essential, and we do not wish to locate where we cannot and one female, making ten calves in the have social and intellectual privileges of a three years five montan and twenty, healthy tance to tarmers. The exorbitant rates good grange." A word to the wise is ample, and handsome, and have been raised on the fitthe grange is so valuable to one farmer, why may not it be equally so to all? You may these privileges to prize them. A cl must enjoy these privileges to prize them.

A classification of different breeds may be Those who have never known the benefits of made in a general way as follows: If batter a grange cannot tell how great they are. Let dairying is the object, Jerseys and Shortevery farmer, then, join a grange. Have one horns; if it be cheese, Ayrshires, Shorthorns organized if you have none near you, and rea and Holsteins; if beef, Herefords, Shorthorns, member that the grange is what you make it. It is only a privilege and right of every farm or and his wife to join a grange, but is is a duty they owe themselves, their children, their calling their their calling, their country and mankind.

The grange is organized upon the very same general principle upon which all other associa-tions and societies are established—that of one common interest binding all the members together. In this it differs from an agricultural club or society, as usually organized. It differs too in the objects and purposes it has in view. It has a wider spear of usefulness, it takes a more comprehensive view of work of the agriculturist. It is not confined to the mere routine of farm life, nor is it contented with "merely causing two blades." of grass to grow where but one grew before," proportion of value created by their industry and labor. The field of operation is a large Maine Farmer. one and an important one.-Viginia Grange

# Poultry Pard

#### Poultry Notes.

Do not permit parasites to gain the ascendency, or you will have hard work or poor success. Fowls infested with parasites cannot be thrifty, and more especially young fowls.

Poultry need as much protection during the summer from the fierce rays of sun, as they do in the winter from the severe cold, although far too many of our breeders lose sight of this very important fact, and suffer corresponding losses in consequence.

Young fowls need a certain amount of care, and if one is not disposed to GENERAL PURCHASING AGENT give the attention needed, it is useless

The excrements of sick birds are the principal means of spreading the cholera and the firststep in stamping out the disease is, consequently, to destroy all which are voiding yellow urates. Care should be had to make the distinction should be had to make the distinction between the urates and the bowel ejections, for the latter are frequently of a yellow color in health; but a little observation will preclude any mistake of this kind. The killing should not be by any method which allows the escape of blood, as this fluid is even more virulent than the exercise. than the excrement; wringing the neck

length of the building. There is room for 1,200 hens. The incubator is heated by a couple of lamps at one end; the eggs are in trays under a tank of hot water, and the temperature is regulated by a metallic rod over the eggs, which by its contraction or expansion, breaks or completes and electric circuit, which, acting on a clock-work escapement. attachment of wire running the whole length of the building. There is room or completes and electric circuit, which, acting on a clock-work escapement, gives power enough to open or close the ventilators. The machine is bulky and expensive, but it does very good work, having hatched from 70 to 80 per cent, of the eggs placed in it. It holds eaven hundred and fifty eggs at a time. ers, and their life's blood is warm wa-ter circulating from a heater. The chicks, however, take kindly to this sort of treatment, and huddle together under the pipes as contentedly as under the mother's wings. They are fastened in at night by a door of wire netting, and allowed to run, after a few weeks in fine weather, out of doors in yards facing the south in front of the coops."

# **Chr Pair**y.

Dairy Notes.

Milk turns sour in thunder storms because during their continuance ozone is generated in the atmosphere. Ozone is oxygen in a state of great intensity, and oxygen is the great acidifier throughout nature. The ex cess of oxygen in the air imparts acidity to the milk by the formation of lactic acid.

As far back as 1789 the States of Jersey passed a stringent law prohibi ing the importation of cattle from France, but there never has been, until recently, any legal restriction on the introduction of cattle from England or from the adjacent islands, Guern ey, etc.; so that it is by the persistence with which the Jerseymen cling to their own breed that its purity has been sustained. At the commencement of the present century there was an annual export of about 400 head; in 1876 the exports were 1893; in 1877 the number was 1883; in 1878 is was 2011, and

1879 the number was 1634. In the years 1853 -1-5 many of these animals were sent to the

A letter of inquiry was written to a person gave birth to twins, one male and one female; March 18, 1878s, he gave birth to triplets. two males and one female, making five calvse in eleven months and three days; July 9, 1879, she gave birth to twins, both males; Oct. 7, three years five months and twenty-one days.

we have named, but we have classified them according to their general reputation. For beef, a cross between the Shorthorns and Herefords has proved to be superior to either when pure bred; a cross of Shorthorns and Jerseys often produces excellent milkers; we have a cow of this kind and it would be no easy matter to match her either as a milker or butter producer. Some of the pure bred Holsteins have achieved remarkable dairy records both in butter and cheese, and in respect to the latter, they are closely contesting the ground with the Ayrshires. also good milkers among the Herefords, though their great claim to public favor and yet that is a grand and noble work. The is in the direction of beef and working oxen. question is not simply now to produce more, by the application of science to the farmer's the application of science to the farmer's the polled Angus cattle have a high reputation for the produce and the pr profession, but includes also that other im-portant matter, how to save themselves a fair. A western paper says they can be bred at least ten per cent cherper than horn cattle.

Carbolic Sheep D.p is the best. Address G. Millinckrodt & Co., St. Louis, send for cir-

The Hon. J. A. Dacus' illustrated Lives of the James and Younger Brothers, published by N. D. Thompson & Co., St. Louis, has reached a sale of 50,000 copies in ten months. The demand is wonderful. Book agents are The demand is wonderful. reaping a rich harvest with it.

Buy the Improved Howe Scales-acknowl edged the best made. Borden, Selleck & Co... general agents. St. Louis, Mo.

## OFFICE OF

A. J. CHILD.

ST. LOUIS, MO.

#### PLOWS.

We furnish first-class standard plows at the following prices, on board cars in St. Louis. Cash with order: STREET BEAM SINGLE SHIP

		STREL B	EAM, S	INGI	E SHIN	
10-	inch	1				810 50
11	44					11 00
12	66					
15	54					
16	**	**				
	8	TEEL BI	SAM. D	OUB	LE SHIN	
19.		1				
14	*	Two.H	OPOA (	nlv		14 95
15	44					
16	44	Inree-				
	-	-				
WC	COC	BEAM, S	INGLE	SHI	N, BAR S	HARE.
10-	incl	Low	Landsie	de		\$ 8 50
11	64	44	46			9 00
12	64	84	64			9 25
14	44	84	44	2-1	Horse	10 75
14	66	66	44	3	66	
16	66	66	44	3	46	13 00
wo	OD	BEAM, D	OUBLE	SIII	N, BARS	HARE.
2-	inch	. Mediu	m Lane	dside		£10 75
14	41	64	44		-Horse	
15	44	44	+6	3		13 25
16	66	64	44	3		14 25
			***			
			— <del> </del> #		ndes .	

## RIDING PLOWS.

We furnish the Peoria Riding Plow, which, with the improvements made within the last year, is now conceded to be the very best riding plow in use

hard ground; the plow being on the side, in plain view of the driver. This plow runs independent of the motion of the frame. And while the work may be over rough corn ground, the plow preserves a uniform level, thus leaving a plain, smooth surface. The reputa-tion of the Hughes Plow does not re-

quire any bolstering up by us—wherever it is in use, it supersedes all others. We are not at liberty to publish the prices at which we furnish the above riding plows, but will cheerfully give riding plows, but will cheerfully give prices on application; and can assure our friends they are beyond competi-tion. Address A. J. CHILD, St. Louis, Mo.

## FANNING MILLS.

We offer the celebrated Lowe's Improved X. L. N. T. Fan Mill, with grass eed sieves included, for \$18 on cars in

## GRAIN DRILLS.

Send for descriptive circular and prices of the best grain drill in use.
A. J. CHILD, St. Louis, Mo.

> A. J. CHILD 209 Market Street.

# SPRAGUE'S

HOTEL AND RESTAURANT.

OPEN DAY AND NIGHT. 716 N. Fifth St., St., Louis. Opp. Union Market Booms 50c, 75c and \$1.

BCSSDINNER 25C

\$75 a week. \$12 a day at bome easily ma

PERRY DAVIS'

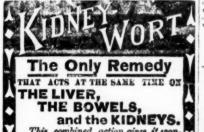


PAIN-KILLER is the well-tried and who want a sure and safe medicine which can be freely used internally or externally, without fear of harm and with certainty of tellef. Its price brings it within the range of alm at twill annually save many times its cast is doe or bills. Price 25 cents, 50 cents, at \$4.60 per bettle. Directions accompany each but

AND

Headache.

FOR SALE BY ALL DRUGGISTS.



This combined action gives it won lerful power to cure all diseases. Why Are We Sick?

Because we allow these great organic become clogged or torpid, and poisonous humors are therefore force into the blood that should be expelled

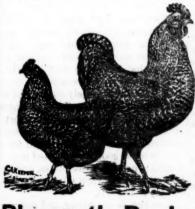
ing free action of these organs

ind restoring their power to throw of Use KIDNEY WORT and rejolo aith. It is a dry. vegetable comp tkage will make six qts of Medie

let it of your Druggist, he will order for you. Price, \$1.00. WELLS, EICHARDSON & CO., Proprietors, (Will and post paid.) Burlington, Va

tumbers of people who present to pro-tidence. Wort already prepared, the pro-portetors of this selebrated remedy now pre-sers it in liquid form as well as dry. It is very concentrated, is put up in large bottles, and is squally efficient as that put up dry in tin cans. It saves the necessity of preparing, is always ready, and is more easily taken by most people. Price, \$1 per bottle. LIQUID AND DRY SOLD BY DRUGGISTS. WELLS, RICHARDSON & CO., Prop'rs,

YOUR NAME In New Type 109
New styles, by best artists: Bougusts, Birds, Gold



# Plymouth Rocks

stock at \$2 per setting of 13 Address COLMAN'S RURAL WORLD, St. Louis, Mo.

# FISHING NETS

FISHING TACKLE randmed, hoop and bird nets always on han and for price list.

C. & F. CHENOT. Vo. 204 South Main street, St. Louis, Mo.

## Wine for Sale.

Concord, Catawba, Ives' Secoling, Virginia Seedling—all pure grape julee. A so-grape an-apple brandy. Will sell by the gallon or barrel flee wine is all warranted 16-tf JOHN T. WALTER, Baden, Mo.

\$5 to \$20 per day at home. Samples worth \$ portions.

# FRUIT AND PRODUCE

COMMISSION MERCHANTS

612 N. Fifth Street, St. Louis, Mo.

Fruits in their Season & Speciaity. We offer to shippers 12 years experience, prompt-cess and the best location in the city. Market reports, stencil plates, &c., free on application





STEWME, SANDERS & CO.

# FRAZER AXLE GREAS

NICHOLS, SHEPARD & CO Battle Creek, Michigan,

THRESHERS

Traction and Plain Engines sher Factory ? Estabil





NICHOLS, SHEPARD & CO.



BATHS-RUSSIAN & TURKISH. When you go to St. Louis, don't fall to go to Prof. Wm. Roberson's

618 WASHINGTON AV., Under Lindell Botel, and try or

FURKISH OR RUSSIAN BATHS.
And get a shave n the
FINEST BARBER SHOP IN THE WORLD

LAND PLASTER AS A FERTILIZER, AIDS THE GROWTH

Every Kind of Crop, and all Kinds of VEGETATION. Pamphlet containing full information, sent free sy mail to an earmer who takes interest enough of this subject to send me his name and Prifice address. A. W. HEMANN, No. 2008. 06 S. uth 3rd street. St. Louis, Mo. 24 14

## Wanted.

A good reliable salesman to sel' nursery stock who is experienced enough to assist in budding, acking, &c. &c., during the buy seasons. Apply with retermore to H. J. WEBER. Gardenville P. O., St. Louis Co. Mo.

# Borticultural.

Edited by George Husmann, Professor of Pomology and Forestry, Columbia, Mo. All communications for this department should he addressed to him as above.

#### Horticultural Notes Around Dayton. Ohio --- Continued.

The pleasant visit to the Soldiers' Home will be long remembered by all its participants. The grounds are beautiful, and the superintendent, Mr. Beck. deserves great credit for the skill and good taste displayed in their arrange ment, and the neatness and order with which they are kept. It is one of the loveliest spots we have yet seen, and the brave defenders of our country, disabled in its service, may here close their days in peace. Their lot has evideatly fallen in a pleasant place at last.

On Saturday we visited, in company with friend Reynolds and Mr. Graves, the nursery of Messrs. Hoover & Gaines. I shall plant it freely.

Turner is about as good as any of
Turner is about as good as any of These gentlemen are evidently live business men, their grounds show admirable order, and the stock looked very thrifty and flourishing. They are evidently careful cultivators and know Rubies. what they are about. All the arrangecalculated to save time and facilitate business. Their rapidly increasing trade shows that their exertions are appreciated, and as they are both comparatively young men, they may confidently look forward to a long and prosperous business career. Their stock is ample, and very even symmetrical symmetrical strategies and reactives and their careful processing the second of forestry. The school of forestry, or whatever dency to set very full. The great difference in price, in our markets, between large peaches and pears, and therefore tween large peaches and pears, and therefore the purpose of giving instruction in regard to all that pertains to the growth of trees, especially in masses, and their matural prosperous business career. Their stock is ample, and very even symmetrical bitseau their analysis. ments about their packing grounds are

-to plague, pestilence and famine—we shall have no use for drugs. The lives of hundreds of thousands, whose every hour would be of agony, are made comfortable and even happy by this drug. Its virtues are becoming more known, and, of course, phase grows and, of course, phase grows are acceptable. lence is true and works agreeably to the sown processes. Not man's statutes, but God is at the helm.

St. Joseph M. Holf.

St. Joseph M. Holf.

St. Joseph, Mo., July 12. The Cabbage Worm (Pieris Rapce). Mr. dun says: "I have tried no fewer than fif-ten different decoctions, and find the best coult from the contract of a mixture comRaspberries.

COL. COLMAN: It may interest your readers to learn how some of the new raspberries are doing.

BLACK CAPS. Centennial-First to ripen, and is a

Imperial-Not worth its room. Will grub them all out. Cuthebrt-Fruited for the first time,

S. MILLER.

Bluffton, Mo.

prosperous business career. Their stock is ample, and very even, symmetrical and thrifty. The soil seems to be admirably adapted to the growth of nursery stock, as it is well drained and porous, and while the proprietors may well feel a just pride in showing their stablishment and grounds to visitors, they seem to have no "trade secrets," but freely impart useful information. This is as it should be and of the properties and their natural hitsory, their adaption to the arts, and their induced upon human welfare. It regards the forest in altogether a different light from that in which it is get through dropping freely. Very young fruit do not draw upon the trees as they do when older. A rule with peaches, is to thin before the shell of the properties of the propertime to thin fruit. It would not be advisable to commence when too young, for a great many fall, in infancy, from various causes, and it is well to wait till they get through dropping freely. Very young fruit do not draw upon the trees as they do when older. A rule with peaches, is to thin before the shell of the propertime to thin the is easy to detect the young depredator by a few drops of discolored juice of the tree exuding from the puncture and sticking on the parks. The larvæ generally bores down below the ground surface to winter, and downward. At this stage of development it is easy to detect the young ferret light from that in which it is get through dropping freely. Very young fruit do not draw upon the trees as they do when older. A rule with peaches, is to thin before the shell of the propertime to thin their induced when the propertime to the propertime to the propertime to thin their influence upon human welfare. It would not be advisable to commence when too young, for a great through dropping freely. Very young fruit do not draw upon the trees as they do when older. A rule with peaches, is to thin before the shell of the propertime to the propertime to their it is easy to detect the young depredator by a few drops of discolored in the pr they seem to have no "trade secrets," but freely impart useful information. This is as it should be, and shows the cosmopolitan spirit of the true horticulturist. They were just receiving 170 bushels of peach pits of last year's growth, and were beedding them out, to be planted in rows next spring, which they say they have found they say they have supposed they say they have growth of the wanton waste, of man, the form of the beet both peaches and pears are large enough for thinning the last week in June, or the first in July. If you undertake to thin, do it pretty thoroughly, for you will be surprised to see how the vacant spaces will fill up as they grow. Last year we thinned some peach trees in our lot, taking off about two-thirds, we thought. When ripe no one would have supposed they had been thinned, they crowded one another so. We ask they crowded one another so. We ask the serious attention of fruit-growers firmly on the puncture with a knife This single item may serve to show our hand, and all means are used to develop to this matter of thinning.—Rural readers to what extent they are going it to the fullest measure of its value, Home. to carry operations. to carry operations.

After a delightful day, spent mostly cultivation has been undertaken.

with them, we took the cars homeward short, forestry looks upon the growth of on Saturday evening, and landed in a piece of woods as we look upon the in a piece of woods as we look upon the St. Louis on Sunday morning, very fa-yorably impressed with the horticul-tural aspect of Dayton, its inhabitants both of science and art. Only it is a and its vicinity. Long may they wave, nobler growth than these, and requires increase and multiply, and may a siminobler growth than these, and requires a higher science nicer art, inasmuch as generally done in our nurseries, and is pecially when they run just under the trees measure their age by centuries fully described in our pomological bark, as they sometimes do; or when the spirit and enterprise awaken in our State; it would greatly help to develop its resources.

HORT. EDITOR.

a higher science filter are, insmitted as the trees measure the rag, in t

to soil produce? Very little, if each organic life, and were it not for the stalk of poppy is to be fingered, cut a liberal provisions made for its perserlittle and scraped. But if, at a certain vation and extension, many species and bark an inch long, then a cross cut at worn—for you know as a rule down south, the content of this slit, like a letter T: raise the larmers think they are losing time to haul hour all is pulled up, the roots carefully families of vegetables and animals, washed and the whole is macerated, would undoubtedly become extinct. washed and the whole is macerated, would undoubtedly become extinct. pressed, and the product treated in some way yet to be discovered, each acre will afford many hundreds of dolars. After the stupid has said "im
would undoubtedly become extinct. So we perceive that in the procreative your prepared "stick," by inserting a but about the barn-yards—the consequences were that will your prepared "stick," by inserting a barn-yards—the consequences were that will same your prepared "stick," by inserting a barn-yards—the consequences were that will ton of these two slits; cut a bud from labour, the planters became poorer each year. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "im
are will afford many hundreds of dolars. After the stupid has said "imlars After the stupid has said "im-principle or pollen, and of individual possible," the fool cries "prohibit, for germs, than can be developed under any too much of it is used already." If we ordinary circumstances. Look carefulare to abandon all things that are ly over an apple tree in full bloom and abused, we had best begin at the fountain head—procreation itself. Cease to one another were every blossom conproduce men, and then there will be an verted into full grown fruit. We see end to all profanity, wickedness and that nature has provided so magnificently that if nine-tenths should fail this most precious of all the gifts of enough would be left to fill the tree. God to suffering humanity, opium, will be placed under the ban. We must learn to use, not abuse. When Provided the suffering humanity and signs of expansion proving that will sold and sold suffering humanity and sold suffering humanity, opium, will have failen without the germs showing job may be done over again if the bark of the black and sold suffering humanity and sold sold suffering humanity, opium, will have failen without the germs showing job may be done over again if the bark of the black and sold suffering humanity, opium, will have failen without the germs showing job may be done over again if the bark of the black and sold suffering humanity and sold suffering humanity and sold suffering humanity, opium, will have failen without the germs showing job may be done over again if the bark of the black of the black and sold suffering humanity and sold suffering humanity, opium, will have failen without the germs showing job may be done over again if the bark of the black and sold suffering humanity and sold suffering humanity, opium, will have failen without the germs showing job may be done over again if the bark of the black and sold suffering humanity, opium, will have failen without the germs showing job may be done over again if the bark of the black and sold suffering humanity and sold suffering humanity.

Readers of the black of the black and sold suffering humanity and suffering humanity and learn to use, not abuse. When Providence puts an end to disease and death the ovule was in some way defective, or failed to be impregnated with pollen.

and, of course, abuse grows apace; but see that more survive, in most cases, already great discoveries have been and are carried forward to maturity made in the way of correcting the abuse. There are severel painless remembers the maturactive in markets edies for the onium behit in a this writer. What can be done under such circum-Ositively knows. Let us not fear. Provi- stances to increase the size of the fruit,

It is contended by vegetable physiologists, that the number, rather than the bulk of the fruit, tends to the exhaustion of the tree and soil. The pulp fruit is largely water and gas and makes light draft upon the nourishment drawn from the soil. The seeds are what draw upon the supply of food, and if different decoctions, and find the best result from the application of a mixture composed of twenty parts of sulphate of lime (xypsum), one part of carbolic powder, and three or four parts of our port of our parts of quicklime. This I sprinkle in small quantities upon the leaves and parts affected, making the application of anixture of individuals on a large form and parts affected, making the application of the same variety, so if you really in the morning before the dew is off, or a same variety, so in the same proportion relationship is correctly in the morning before the dew is off, or a same variety of the earliest kinds known, tree, of the earliest kinds known, quarts perday, and requiring about 350 hands per day, and requiring about 350 hands from the soil. The seeds are what viz., Amsden, Alexander, Gov. Garland, High's quarts perday, and requiring about 350 hands from the supply of food, and if they are reduced, exhaustion is corressory bear so strong a family resemblance after the would be difficulty for an expert to distinguish one from another. If they came a week later they could all be marked Hale's per express, they have reduced rates for the fruit growers' benefit to the sum of \$2 per taken. So as to leave no room for a dozen literal properties. They are all fruit growers' benefit to the sum of \$2 per taken. So as to leave no room for a dozen literal properties.

would sell the most redily in market, at remunerative prices, peaches requiring mode of dealing with this destructand is entitled to a place in every garing 300 to make a bushel, or those re- ive insect: meets with a more ready sale, and com-mands much higher prices than small. That even when the market is glutted with ordinary fruit, large specimens meet with ready sale.

We do not contend that it would be advisable to thin ordinary varieties of apples, nor do we admit the contrary, but we do believe that it will pay, and pay well to thin peaches and pears, especially those varieties that have a ten-

Budding Peach and Pear Trees. Will you please give the most correct way of budding peach and pear trees? Stamford, Ontario, Can. H. E. D. Stamford, Ontario, Can.

The most correct way to bud peaches The most correct way to bud peaches and pears is the way in which it is ly injure if not entirely kill the tree, esworks, especially in "The Fruit Garden, several borers are in a small tree, they so injure it that it breaks over with the by P. Barry, of Rochester, N. Y., and wind.

If the ground is well cleared and pat-Opium Culture.

Edited, and because they have important relations, controlling relations even to agriculture itself, to climate, to commerce, and the industrial arts, and so the highest interests of national this office. It is difficult to give a cortain and the industrial arts and so the highest interests of national this office. It is difficult to give a cortain and the industrial arts and so the highest interests of national this office. America," by A. J. Downing, either of which can be obtained by mail from this office. It is difficult to give a correct idea of the art of budding without

The trees should be examined twice among our innumerable experiments life.

Some of the highest interests of this office. It is unfectively some of the art of budding without rect idea of the art of budding without the use of cuts, but it is a very simple duce our own opium. To the men who first succeed in manufacturing that the replanting of districts which have the replanting of districts which have been stripped of their forests, and also the planting of forests in new places, where such planting may be advantaged to follow in the grooves of their forests, and also the planting of forests in new places, where such planting may be advantaged to follow in the grooves of their forests, and also the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts, but it is a very simple the use of cuts. The use of cuts is a very simple the use of cuts and perhaps three times a year, if the use of cuts are very numerous in order that the forefathers, but are ever trying to do the most at least cost—to such men mighty fortunes are sure. Those stupid, dull Orientals, who, for thousands of years, picked the cotton seeds with their fingers, are producing opium by their fingers, are producing opium by poppy capsule and scraping the dried milk thet availage and the season that are ever trying to do the most at least cost—to such men mighty fortunes are sure. Those stupid, ence Monthly.

Thinning Fruit.

The tendency of opinion among our poppy capsule and scraping the dried milk thet availage and the season the last of August or first of September. Buds may be inserted in the small, vigorous branches of trees of any age, but for propagation in the ground at any open trivition of the poppy capsule and scraping the dried milk thet availage at the season. The ground at any open trivition of the plums, cherries, apples, and peaches in rotation, close the clark from year to year, while other parts are comparatively exempt. Low grounds have been more infested with the same than higher parts of the orchard. A man can usually examine and kill all eggs and borers in five hundred or more trees per day, if the ground has been port ago the right quality properly prepared, and no work in my orchard has been so absolutely neces.

\*\*WALTER BROWN & COLMAN'S NUR. ERY.\*

Strawberry - Raspberry.

Strawberry - Raspberry of the dried the cultivation several times during the season. The true to include the hill part of the taber, but so their origin in the desire to accomplish this most successfully.—Popular Sci.

Thinning Fruit.

The tendency of opinion among our more progressive fruit-growers has been four inches from the ground at any orchard has been so absolutely neces.

The tendency of opinion among our trees per day, if the ground has been properly prepared, and no work in my orchard has been so absolutely neces.

The true of the taber, but years to year, while other their origin in the desire to accomplish this most successfully.—Popular Sci.

The true of the true poppy capsule and scraping the dried thinning out fruit to promote an in- four inches from the ground, at any sary. milk that exudes—all by hand. A crease in size and quality. The arguburk on the stock will "slip" or peel sharp American would soon find the chemical agent to solve the difficulty. Stupidity only says "impossible," as it is always saying. How many pounds of this drug, more precious than gold or diamonds, can an acre of our rich mulation soil produce? Very little, if each the top of this slit like a letter T; raise the farmers think they are losing time to haul bringing it out a third of an inch be-hind it: insert the bud so cut under the who would have proven a benefactor had the raised coners of the bark, and shove it farmers followed his advice.

by the piece of leaf stem adhering down the vertical slit, entirely under the bark, leaving the leaf stem, and point of the bud sticking out. Then bind with basswood bark, woolen or cotton string all un tightly and sangely ton string, all up tightly and snugly, sixty acres of well-worn land two mil

string to 'he "stub" of the stock, to pre- lowing facts were obtained:

or barrels as if all had been left to at-would say a better peach than either. All year was on the 1st of April, being thirty-two branches of young trees as fast as they put tain full growth and maturity.

branches of young trees as fast as they put these peaches are of good size for their kind days behind those of the preceding year on out in the early summer. These may be tain full growth and maturity.

If these arguments are true, then, you may prevent great exhaustion of the fruit trees, and at the same time gather for family use, or market, as great bulk the same time gather for family use, or market, as great bulk that they bear some signs of the work of his little more than 65 cents per quart, leaving a more trees. But friend Endicot says the says the same time gather are of good size for their kind days behind those of the preceding year on account of the late frosts, the first grop having been killed. The best prices obtained for the preceding year on account of the late frosts, the first grop having been killed. The best prices obtained for the preceding year on account of the late frosts, the first grop having been killed. The best prices obtained for the preceding year on account of the late frosts, the first grop having been killed. The best prices obtained for the prices of the preceding year on account of the late frosts, the first grop having been killed. The best prices obtained for the prices of the preceding year on account of the late frosts, the first grop having been killed. The best prices obtained for the prices of the preceding year on account of the late frosts, the first grop having been killed. The best prices obtained for the prices of th of fruit, by thinning it while young. neighbors' curculios, of which he kills an net profit to the grower of from \$14.50 to That the theory is true numerous with average of a thousand a day. But notwith \$15.50. In 1880, on the 29th of March, That the theory is true numerous witnesses, from year to year, attest from their experiences.

Gregg—This season pleases me very well, and is with me as large as any of this class.

WHITE CAP.

Moody—This has a fine crop, is early and good, but its color is against it.

Imperial—Not worth its room.

That the theory is true numerous witnesses, from year to year, attest from their experiences.

But, it is objected, it would be such a fask to pick off so much fruit when small. Bear in mind that, if they are left on to mature, they will have to be picked then, and it will take much longer, for they must be carefully han died, and packed. It is simply doing a portion of your picking in the month of June instead of later.

Again, suppose you have as many laskets, from a tree, of large fruit. left.

The Round Headed Apple-Tree Borer.

downwards and a little sidewise, the puncture looking very much as if made with an ordinary sharp pocket-knife.

The eggs are usually injected into this wild goods plum with goods plum wild puncture so deep as to be out of sight; but not always. On young and thin barked trees the eggs will be pushed in next to the wood, but in older and from the latter, while it is thought they will thicker-barked trees they will only be through the hard outer bark and the inner soft bark.

firmly on the puncture with a knife blade (the cracking of the egg can be heard distinctly) and, if hatched, by cutting away the dead bark over the little cavity first eaten out and killing the young worm.

The borers do not go into the wood much the first year, and can be easily followed with the knife; but if not tak-

ted down smooth around the trees about

and perhaps three times a year, if the

## Miss.

A correspondent of Home and Farm writes

others then and at the present, knew of no els per acre. other commodit/ except cotton by which they the stem of the leaf on the "stick" of could command money. Having traveled in buds; select a smooth place on the stock the same groove since the war, planting every lower corners made by the junc out the manure if it was delivered at their

In three to four weeks examine the the depot, and commenced the strawberry The next spring the stock must be induce him to ship to the northern markets, cut off three or four inches above the bedeenos rated the fact that there was monbuld as growth starts. Sprouts from ey in it, and induced others to engage in the the stocks must be kept rubbed off, and when the young shoot is four or six early in May, and there met a press reporter, well colored but not fully ripe, though very when the young shoot is four or six early in May, and there met a press reporter, well colored but not fully ripe, though very inches high it should be tied with a soft and from the answers to his inquiries the fol-

vent its being blown or broken off.

The total number of acres from which writes that the tree this year was greatly inThe portion of wood cut out with the berries were picked this spring are 163 acre jured by frost and hail, and the fruit did not oud should be as thin as possible. The exclusive of the spring setting, which is 80 ripen as early as usual, as last year the peach old-fashioned way of budding was to acres, making for the next sring's picking es were ripe on May 8. The peach will be take this particle of wood out, but the Yankees soon found that this was not only unnecessary in this dry climate, but detrimental.—Prairie Farmer.

Here was to be the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise on siay 8.

Lastes, making for the best sing placing is were rise of the best sing The picking of these berries being quite an item, the growers, to get the hands, give two Early Peaches.

We are in receipt of a basket of handsome ing house, where they are packed, twentyearly peaches from our valued correspondent, four quart boxes, for the market. The packing is done almost entirely by women and child-ren, the best of whom pick fifty to fifty-five values and the packed, twenty-four quart boxes, for the market. The packing is done almost entirely by women and child-ren, the best of whom pick fifty to fifty-five quarte perday and any packed.

baskets, from a tree, of large fruit, left after thinning, as you would of the smaller fruit without thinning, which would sell the most redily in market. Horticultural Society, gives the follow-cheaper rate of transportation.

with no sand, but a yellowish or red clay sub-Lost Rubies is another superb berry.

Both hardy, large size and of excellent quality.

The eggs are deposited in the bark of the tree, the beetle puncturing or splitting the bark of the tree upwards and fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit days who have had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruit had any experience in marketing fruits know full well that large fruits had any experience in marketing fruits know full well that large fruits had any experience in market

WILD GOOSE PLUM

trees are planted on the same land with the prove remunerative and not conflict with the berry season, and making the land net about \$200 per acre. The raspberry is also grown tained; but the fact that the strawberry is in its natural element here there is no question, and the neighborhood and labor owe much to Mr. William McKay as the tounder of their

#### A Pickle Farm Near Chicago.

The manuring of the ground for all the crops is done broadcast. Well rotted stable manure and night-soil are the principle manures. The latter is produced from Chicago, where they are paid for taking it away. It is dumped in a pit as hauled through the season, and in winter, when the liquid portion has evaporated or leaked out to a great extent, it is drawn out and spread upon the land. It is a very valuable fertilizer, but must be applied with judgment. Some of it is composed, and in this form is less liable to the spring only, the nature of the soil being such that little is gained by fall plowing, and their is plenty of work for a large force about the pickle factory at harvest and pickle time Clean culture is insisted upon. not allowed to share the wealth of the well prepared soil.

At the time of our visit about 60 men and boys were at work in the onion fields. They are paid 50 cents per day and boarded. The house accommodations being limited, a half dozen army tents have been pitched in the army blankets for cover, the aching backs are rested. The men are well fed, and are re duired to work industriously, or the discharge is prompt. Hours of labor from half past six in the morning until same hour in the evening, with one hour's "nooning." If the boys who read this will figure this out, we think that they will find that the onion rows one foot apart on an acre, makes about eigh miles of onions. The 40 acres would make a continuous row 320 miles in length. Then, if they calculate the miles of cucumbers and peas, they can arrive at an approximate understanding of the amount of labor and money it takes to run a big pickle farm.

The pickle establishment is, of course, an extensive one. It contains 75 cistern-like tubs that hold 75 bushels each, and 18 that hold 600 bushels each—a total capacity of nearly 26,000 bushels of pickles.—Farmers'

Strawberry Culture at Madison Station,

farm not tilled, where nothing can be produced unless planted late. One of the best crops for such places is buckwheat. It kills out weeds, and mellows the soil to an astonishing degree. A half bushel of seed to the acre is sufficient, and with a favorable sea-A few years ago this community, like many son the yield will often run up to forty bush-

We have some great strawberry growers in this country. A Mr. Young, of Norfolk, Va. is said to cultivate 225 acres, which he mark ets at the great cities of the Atlantic coast John D. Hammond, of Baltimore, Md, has 140 acres in bearing, and the large canning factories in that city furnish a market for his surplus. Dr. H. E. Mckay, of Madison Station, Miss., has 120 acres, which has gradually grown from one acre, the size of his first

In pruning trees at transplanting, the large, lifeful branches should not be cut ba k as is generally done, but the weak, half-dead on a that are usually left should be the ones o cut away. The large, stout ones are res ervoirs of sap, which the plant needs; the half-dead ones draw on these reservoirs and contribute nothing of their own, It has been found that decidnous trees can be transplanted easily all through the summer

Scott county, Missouri, describing a new early peach. Mr. Lyon sent the editor of "Home and Farm" two of these peaches, well colored but not fully ripe, though very juicy and sweet. A few more days would have ripened them to perfection. Mr. Lyon The total number of scres from which writes that the tree this year was greatly in-

## Watch Young Orchards.

Allow no green hands to prune them unless you are with them, or have with them some reliable and experienced pruner. The injury from bad pruning is not many years, I will speak of old trees where large branches have been removed two, three, or more inches from the trunk, left to decay, and parts affected, making the application duce the number of individuals on a ferly in the morning before the dew is off, or tree, you, in the same proportion reduce the earlier a shower. Frequent repetition is some times necessary."

The Beatrice is a smaller, and some the leaves one, of the same variety, so it you fer a week later they could all be marked Hale's a week later they could all be marked Hale's later they could all be marked Hale's

out in the early summer. These may be brushed of by the hand, where the pruning is close, when two or three inches long, and all the strength of the tree that would be wasted on them turned to the growth of valuable branches. Cere in watching these little gourmands will not only hasten the growth of the tree, but the production of the fruit in peaches one year, in apples two or three years, One should go over a young orchard in May, and once in June. The tree is easily formed while young. Avoid dividing the tree into two branches so as to form a crotch when the head begins to form. When bearing freely such trees are apt to split apart. Better have the head formed by several branches starting out from a main trunk stem two or three inches apart. Keep the center open, and shaped somewhat like an open umbrella frame inverted. As the tree advances in growth, rub off the inside shoots markets by the northern berry, which gets a cheaper rate of transportation.

The soil is a well-worn, light gray loam, fill up the space that should be open in the and the rays of the sun. Every youn, orchard that is worth planting is worth watching and manuring freely, with as good cultivarequired for corm or potatoes tion as is requi —Ohio Farmer.

> Dr. Whittier, 619 St. Charles st., St. Louis ures all impediments to marriage, blood dises, etc. Moderate charges. cines. Pamphlet or consultation free. Call or

#### YOUNG MEN AND OTHERS.

We send on trial for thirty days our Electro-Voltaic Belts, Bands, and Suspe sories, to young men and others suffering from weaknesses nervous orbility, lost windly, lost mankood, and many other diseases. We guarantee speedy ures and complete restoration of manhood Address with ut delay.

VOLTAIC BELT CO... Marshall, Mich.

#### American Grape Growing AND

Wine Making. By GRORGE HUSMANN.

The author has tried to give all the latest expe-The author has then to give at the intense aperiences in American grape growing and wine-making, gathered curing a practice of ever 26 years; and correspondence and sketches from many of the most eminent grape growers of other States, contained in the appendix, adagreatly to the interest of the book.

Price, I and somely illustrated and bound a cloth at 16 post paid.

oth \$1.50, post paid. For sale by Orange Judd Co., New York, put ers, or by the author, GEORGE HUSMANN, Columbia, Mo.

ieo. Husmann, Professor Pomotogy and G. C. Swallow, Dean Agricultural College. NURSERY OF THE

#### Mo. Agricultural College, COLUMBIA MO.

We would respectfully solicit the petronage of the public, and are now prepared to all all orders for fruit and ernamental trees, shrube and plants with strictly first-class stock of best quality and guaranteed true to name. The necessity of such an establishment is our state has long been felt by the many, who have ordered their truit and ornamental trees from the many unreliable spents and tree dealers who have flooded the State, representing distant numerics, and often setting unreliable stock at exorbitant prices, we want a reliable local agent in every town and settlement in the State, and are now fully prepared to fill orders for any and all articler a our line, at wholesale or retail. All who dears an agency or wish to orver truit trees and other stock direct, will please address stock direct, will please address
GEOEGE HUSMANN,
Superintendent of Nursery, Columbis, Ma

# Nursery of Mo. Agr. College We are prepared to supply the trade with a fine stock of apple, peach, plum, pear, quince and aprilot trees; also small fruits in vari ty at wholesale rates. Address GEORGE HUSMANN,

Supt Department Poundagy and Forestry. Columbia, March 15th, 1881.

Sharpless. Longfellow and Warren Strawberries, three of the largest and best a fifty cen a per d zen or 83 per hundred. Ad-dress COLMAN'S NUR-ERY, St. Louis, Mo.

BOSTON, MASS.

Consignments solicited.

Refer to R. W. Gentry, Pres. Mo. W. G. A. Otis D. Swan. Emperia Kan 23-13

# IMPROVED ! I WE

The Best Made. TCatalogue sent FREE on BORDEN, SELLECK & CO., Gen. Agts. Mention tais pa, er

ORGANS \$30 to \$1000; 2 to \$2 stops. Plants, Address DANIEL F. BEATTY, Washington, N. J. 45-63

\$60 a week in your own town Terms and \$8 \$00 outfit free. Address H. Hallett & Co.,



No dwelling, country tome or factory should be without the roun-

25 6 J. A. WHITMAN
Paten ee and Manufac urer, Providence, R. I.

## TURKISH BATH

ESTABLISHMENT. ie. 311 N. Saventh Street, bet. Olive and Locusi SEG. F. ADAMS. M. D., SUPT. For Ladies.

Monday, Thursday and Saturday Moranger rom 9 s. m. to 12 m.

For Gentlemen. From 7 a. m. to 9 p. m., excepting the about s for ladies.
SUNDAYS: Gents from 7 a. m. to 12 m.

Drury College,

Springfield, Mo. oblids patrovage on these grounds: Competences of equipment, thoroughnes of training carnest religious obstactor compute a expenses, healthfuines of location. Codege and preserve years of the second computer. Open sinks to both sexes. Advantages for the state of music and art are of a high order futtion to cardidates for the misiety and come only to the children of min try free. Send for Catalogue to Rev. N. J. Morrison, D. D. President.

Canvassers make from \$25 to \$50 per week selling go ats for E. G. Elde-et & Co., 10 Barolay 3t. New York. Send for estalogue and terms. 34-52

50 varieties Frence chromo, satin, pearl tinished, &c., car ta, name in gold. 10c, Card Mills, Northford, Ct.

COLMAN'S RURAL WORLD.

NORMAN J. CCLMAN.

The cremation society of this city has kept exceedingly still the past few weeks. The association will come to the front and catch the public ear more readily when the cold weather sets in.

Tennessee has been shipping more peaches to this market, the past week, than any other state. Union City shipped about 200 boxes daily, while Gadsden and Humboldt made a creditable showing of about half that number.

Strawberries of very fine quality, and in good condition, notwithstanding the city the past three weeks from Racine, than they ever looked for. Wis. This lengthens the season to over three months of steady receipts in St.

Late advices from Washington state that of steady improvement, his appeing he will soon be able to take horseback exercise.

President Garfield is still on the mend, and his physicians now consider been almost unbearable. It has been him out of danger. His death by the continuous. Even the healthiest bebullet of an assassin would have been gan to wither under its blighting infludeeply deplored by every good citizen of the nation. Let us be devoutly er there was a change for the better. thankful that his life has been spared.

The convention of the cotton men begins to-day in St. Louis. It will be perhaps the most important they have ever held, and the exhibits of new machinery will be most interesting. The subthe south will be minutely considered.

The outlook for the grape crop is not very bright. A good portion of the crop is already gone through rot. In several of the vineyards in this county the fruit is rotting badly, also at many places on the I.M. R. R. and at Alton, and vicinity a good deal of the fruit is going the same way.

The sufferings of St. Louis people during the heated spell, 10th to the 16th inclusive, were nothing compared to ning east not only relative to passengers, those of Cincinnati during the same time. St. Louis' death record was 316, tle room for growling, especially those but in Cincinnati the deaths from sunstrokes, and excessive heat alone, were 414, and the total 567.

A peculiar feature of the present summer season, is the large number of eastern tourists who instead of making Europe an objective point are "doing' the splendors of Colorado and California. The influx of English, French and German tourists on trips of observation has been exceedingly large.

creek cut off, if this thing continues.

A heavy shower fell at St. Louis and vicinity on Wednesday of last week. The earth was very dry, the corn and grass were suffering with thirst, and never was rain more welcome. One or writers and scribblers evidently worktwo more such rain falls within a couple ing in the interests of the anti-immigraof weeks and the corn crop will be safe. tion party have been packing off scores There is a fair prospect of a large crop of lies about wholesale robbery and tive quantities. There is much more man to get the highest price paid. Thus of corn this year.

Grapes have been offered in the St. Louis market the past ten days. The Hartford and Ives constitute all the varieties offered so far. The first receipts were from Grand Bay, Ala. Little Rock, Ark., is shipping more freely at present, than any other point, and realizing handsome prices, 12 to 15 cents per pound, for the varieties named.

"Bull butter is played out in St Louis" said a dealer a few days ago. "We have been wide awake, but find no instances in which we can test the new law." Very good, gentlemen, keep wide awake and vigilant until you find an example. A law without a precedent for its illustration is never half so strong as where offenders have been punished under it.

The hot weather has sent thousands northward in search of arctic breezes. The weather has been so warm north of us, however, that what there was of arctic in the breezes originally, was Saturday, Aug. 20, fastest double team, changed to torrid before reaching St. and 2:40 trot. Grand promenade of Louis. A white bear would have been premium stock in show ring. changed to a black one in a few hours if he had been in St. Louis at any time

tions, and various other attractions. Louis for the past three years.

The long promised "mid-summer" number of the N. Y. Mirror has come to hand and it certainly more than caries out the promises made for it. The

California carried over several mildispose of the bulk of the crop at home, and the great scarcity of grain vessels the latter part of the season, left the farmers unable to ship to Europe. It intense heat, have been coming to the the prevailing prices are much higher

New onions have been very scarce so far in this market, the present season, and prices have ruled from \$3 50 to \$5 00 per barrel. New potatoes have come that the condition of the President is in so freely, the past week, that the market is demoralized, and shippers tite and strength gaining daily. With would do well to step out of the market such favorable circumstances continu- for a week or two. Apples are in good demand at good prices. Shippers are unable to get sufficient suitable stock.

> For nearly three weeks the heat has ence. On Monday of this week howev-The breezes became cooler and were most heartily welcomed by all animate life. It is to be hoped that we shall not present summer.

an alarming extent. It would not be half as bad to shoot down one another, or some wild Indian, as to shoot a Presilent.

There is a very bitter war now going on between many of the railroads runbut also to freights. Shippers have litfalls can get a round trip ticket from this city for ten dollars.

hospitals and dispensary.

Some English and other European all the results of his labor-save the of a selfish overbearing and arstocratic

class of non-producers. The Farmers' and Merchants' Fair will be held in Louisiana, Mo., Aug. 16th, 17th, 18th, 19th, and 20th, 1881. There will be running and trotting day, Aug. 16, mile heats for untrained complaint, cutaneous diseases, syphilis and the whole catalogue of female ills. races every day during the fair. Tuesrace; half mile dash running race and grand horseback tournament for silver less improved, and just at this time we prizes. Sir Knights in uniform. Thursday, Aug. 18, free-for-all trot, \$400. to this place, which will certainly increase the value of lands, and I must crease the value of lands, and I must crease the value of lands, and I must crease the value of lands, and I must land this granting argument the most lands. day, Aug. 19, trotting race nearest three desirable in the State, and render those minutes; running race half mile heats. springs more accessable to invalids, and Saturday, Aug. 20, fastest double team, particularly those from northern cli-

The various county and local Fairs in Missouri and adjoining states would find it greatly to their interest to adjoining the Rural World It. in Missouri and adjoining states would for.

FOURTH YEAR On August 20th a magnificent affair is no use of trying to have a large atwill take place, this being a grand festi-tendance of visitors unless there is to your fairs.

> height. Mountains of melons loom up scrape out the remainder quite rapidly. letter text, the typography, engravings along the wholesale thoroughfares, and I use the American dryer, which evap and quantity constitute it one of the attract the attention of all who happen orates quite rapidly in a current of very most attractive issues ever published that way-the light receipts of fruit ofin this country. For those interested fered a wider and better field for the of freedom from eggs of insects. in the stage the Mirror is a shining melon trade this season. The receipts corn, as removed from the cobs, is and they are mainly from southeast the house. If cut off without cooking, I Missouri. Diehlstadt and adjacent find that the corn sticks to the muslin She was last year unable to consume or points expect to ship 3,000 carloads this worse, and is much more troublesome season—a good many of them however, to remove. going to Chicago, Cincinnati, Louisville and a few other cities. The business will be quite remunerative, the demand and the prices being far above the averwas however a fortunate misfortune as and the prices being far above the aver-

Prof. C. V. Riley, has been appointed and wishes of more than nine-tenths of demand for much more; so this season the agriculturists of the United States I am preparing to raise as much as I —we mean, of course, those who have can handle while it is in proper stage.—Ex. views on the subject. Prof. Riley has no superior as an entomologist in the United States. His qualifications for the word as fail in his vocabulary. What all his crops. He keeps just about the them that appear to be encamped at ports which are in great demand in this tematic order the plan adopted. Washington City, looking for an oppor- country and in Europe. We are glad tunity to kill somebody, should be sent he is placed in a position where he can cents a bushel or \$1.75. No matter

#### Wilson County, Texas.

COL. COLMAN: Being a constant reader of the RURAL WORLD, I notice and thus increase its capacity to advantages of their particular localities ent articles he raises for sale. But no single one is dropped from the list that by way of inducing emigrants to their he may raise more of something else section, but so far none from south- without a long considered and sufficient ously before since 1660. Agriculturists western Texas. I do not propose to tell reason. If anything he may have for may be content with the prediction that but also to freights. Shippers have hit western Texas. I do not propose to tell reason. If anything he has have for the same the room for growling, especially those operating between the principal cities. Apples, potatoes and simillar products self to a very small portion thereof, also knows that it will surely swing with red eyes and four transparent known as Wilson county. This county back again sooner than he can change the same that they will not again appear in the same once that the great pendulum of equipose to tell reason. If anything he has have for the same that it will not again appear in the same once that the great pendulum of equipose to tell reason. If anything he has have for the same they will not again appear in the same once that the great pendulum of equipose to tell reason. If anything he has have for the same they will not again appear in the same once that the great pendulum of equipose they will not again appear in the same once that the great pendulum of equipose they will not again appear in the same once that the great pendulum of equipose the pendulum of equipose they will not again appear in the same once that the great pendulum of equipose they will not again appear in the same once that the great pendulum of equipose they will not again appear in the same once that the great pendulum of equipose they will not again appear in the same once that the great pendulum of equipose they are until 2102. This "harvest-fly," or once that the great pendulum of equipose they are until 2102. The same once that they will not again appear in the same once that they will not again appear in the same once that they will not again appear in the same once that they will not again appear in the same once that they will not again appear in the same once that they will not again appear in the same once that they will not again appear in the same once that they will not again appear in the same once that they will not again appear in the same once t can be shipped from St. Louis to Chi-known as Wilson county. This county cago for ten cents per hundred pounds is southeast of Bexas county, and about he does not. A traveler desiring to visit Niagara 12 miles from San Antonia to where you enter the county, lying on both sides of the San Antonio and Cibolo rivers. The extremely hot season through rolling except the valleys of the above against him, has calculated accurately which we are now passing, has demonstrated the highest average temperature ever experienced in this section. In a strated the highest average temperature ever experienced in this section. In a section is mostly sandy loam, with occasionally his written bond. More than this, he has accurate and full diary The mortality however has been com- a black land streak in the prairies and op amazingly. The latest and most re- paratively light and although the death river valleys, easy of cultivation and re- condensed into yearly statements, what markable novelty is a mineral spring rate has been very large, it does not be muneratively productive. The black discovered by the records of the large price price of the large price pri markable novelty is a mineral spring discovered near Rolla, possessing all the qualities of Vichy. The effete countries of Europe will soon have all their pertaure of 106° or 108° could scarcely uplands produce the same crops, but the results of the law and the pertaure of 106° or 108° could scarcely are better and highly adapted to cane. by the wholesale. On this topic we will culture, such as Early Amber and have something to say next week, based Orange canes. These canes have never back again. by the wholesale. On this topic we will culture, such as a such as a back again.

These canes have never back again.

If the price is fully up to the average are the price is fully up to the average ar

broad assertion, but I think I know son, Mich. whereof I speak. In the world's history of mineral waters there is not the variety to be found that there is here, the principal of which, are the Black and White Sulphur, Sour, Chalibete, and Salt Springs, the history of which furnishes many almost miraculous cures of Near those springs are several fine farms for sale low, some more and some less improved, and just at this time. say render this section among the most mates afflicted with diseases that they so certainly cure. But I am stretching out too long and will conclude by say-

Drying Sweet Corn.

I prefer boiling just enough to see the val with fireworks, calcium illumina- something worthy of being seen. Have milk. (Some do not boil at all, but cut a good exhibition and it will draw of off at once and put into the house.) I industry into a single view, he must be The festival will be under the manage-itself. Everybody will talk about it cut it off with a very simple contriv-incapable ment of Mr. Dan'l E. Carroll, who has and there will be a general turn out to ance called a corn-cutter, on which I supervised and superintended the fa- see it. It does not do to keep the light think there is no patent. It consists of mous Veiled Prophet processions at St. under the bushel, let it shine. Adver- a board about 16 inches long and 6 tise exhibitions and by that means you inches wide, set on legs, in which a will get exhibitors that will be a credit knife is set so that it can be raised or lowered to suit, while one end is armed The watermelon season is now at its with a scraper, to remove the hearts.

Thus I cut off the top of the grain and hot air, which I think preferable to a cold current. It also has the advantage range from 16 to 20 carloads per day, placed on thin muslin, placed on gal-There is one point necessary to ob

> pounds last season, but let it get too old to market. It is computed that the fetties have should be just in condition to be right saved the tributary states \$25,000,000 for the table. Drying does not change per annum. Capt. Eads for \$5,000,000 it. When it gets too old it does not dry offers to secure a twenty-foot channel away so much but is very inferior. It at all gessons from Cairo to New Or Prof. C. V. Riley, has been appointed it. When it gets too old it does not dry by Commissioner Loring, Entomologist away so much, but is very inferior. I for the Department of Agriculture. In making this appointment our worthy commissioner has carried out the views season I sold all I could spare, very readily at a fair price, and there was

#### The Successful Farmer.

The good farmer cultivates foreposition are of the highest order. And thought. His plans are not made for a he has, besides these, that indomitable single year. He looks over his farm, push and pluck so essential to the high- divides the arable land into about six est success. To use a common expres- equal parts, one-half of which is devosion, he carries a great amount of steam | ted to grass and the other to the plow, to the square inch. He can turn off as each shall take its turn. Every year more work per day than any man we he raises just about so many acres of are acquainted with. There is no such corn, so many acres of wheat, so through he undertakes he performs. It is this same amount of stock, and of each about have another such a spell of heat the quality of persistence so conspicuous in the same, whether it be cattle, sheep, his mental organization that has placed horses or hogs. Steadily he pursues him at the top of his profession, while the even tenor of his way. Having The large number of crazy men at yet a young man. He has given to the once laid his plans with care and foreject of the utilization of water power in large, and especially the little army of public a large number of valuable re-thought, he closely pursues with sys-

No matter whether wheat brings 75 out on an Indian reservation. Here continue to perform such valuable serthey could indulge their whims without disturbing the public peace to such whole country.

Whether wool brings 31 or 50 cents per pound. No matter whether cheese brings 6 or 13 cents at wholesale. No matter whether live hogs bring 3 or 8 is not to be despised, even if better the turf in the fall of 1783. During his matter whether live hogs bring 3 or 8 cents per pound. Thus he continues year after year, all the time studying to improve the productions of his farm many correspondents showing up the duce a little more of each of the differhis rotation, even if he wanted to, which

He is accurate in all his affairs. He knows just how he stands. Knows who terfered with. The only injury they he owes and who owes him, what it is may cause is in boring holes in the trees The face of the country generally is just how he expects to meet every claim just how he expects to meet every claim for and when it is due. He also knows long way below the average, he holds

your correspondent induced a number of getting the very highest cent that to try the Early Amber with fine success.

The writer made some syrup that the will be paid just before the podulum falls back again. He sells at the highest cent that will be paid just before the podulum falls back again. He sells at the highest price is reached, stagnation and a fall so quickly succeeds that not compared well with cero from the Lou- and a fall so quickly succeeds that not isiana ribbon cane, and in remunera- one in a hundred men can be the lucky lawlessness in the west, the same appearing in periodicals abroad. The here are cheap, prices ranging from this average gains will compare with here are cheap, prices ranging from the sure of the kings of the king are finding no lawlessness so oppressive \$1.50 to \$10 per acre, according to quali- Mammon. While he sleeps his crops as that which presses a man into mility, locality and improvements. Some tary service, and no robbery so sweeping and wholesale as that which takes ing and wholesale as that which takes being offered low, and in desirable loall the results of his labor—save the calities. At the village of Sutherland manufacturer may be rich to-day and merest living pittance—for the support Springs, on the Cibola river, are the of a selfish overbearing and arstocratic finest medicinal waters in the world—a of his own.—Edwin D. Pierson, Hud-

## A Healthy State.

People are constantly changing their omes from East to West and from omes from East to North to South or vice versa, in search of a healthy State. If they would learn to be contented, and to use the celebrated Kidney-Wort when sick they would be much better off. The whole system

Successful farming can never be realized in the absence of a deliberate plan. No place in the country has ever acquired such sudden and emphatic success as a summer resort as Creve Court Lake, situated 18 miles west of St. Louis. Since the Missouri Pacific R'y, run an extension from Lacedet to the lake it has been an almost constant they offer for them. There late. Fruit is a light crop.

No place in the country has ever acquired such sudden and emphatic success as a summer resort as Creve Court in the Rural World. It is valuable also to cure study the needs of one field over an other, that all may advance harmonious place they have here destroy dandruff on the head of the he

breeds, the best mode of final marketing, and when his profits can afterward be most effectively applied on his farm. Taking all the different branches of his incapable of comprehending affairs about him who does not feel stimulated by his Ploughman. reflections.—Massachusetts

COL. COLMAN: The only reason we can give for the cane seed not sprout ing this spring, is that much of it was planted too deep for the amount of rain we had, and the fault is not in the seed.

W. E. FOSNOT.

Educating Anii

Little River, Kansas.

Unlike other cathartics, Dr. Pierce's Pellets" do not render the bowels costion. Being entirely vegetable no par-ticular care is required while using about it. Most animals are drawn tothem. By druggists.

system has increased the grain shipment to New Orleans forty-fold in six years. Cotton export has increased as transat all seasons, from Cairo to New Or-

The Society for the Promotion of Agricultural Science will hold its annual meeting at Cincinnati on Tuesday, August 16th, the day preceding the sessions of the American Association for sions of the American Association for the Advancement of Science. The officers of the Association are Prof. W. J. be caressed of his own accord. Always Beal, Lansing, President; Dr. E. L. Sturtevant, South Framingnam, Mass., Secretary. The meetings for the reading of papers and their discussion will dulgent for unintentional disobedience, be open to the public, and all interested or for any damage done unintentionally. be open to the public, and all interested in agricultural science are invited to attend. Among the papers to be read are two by Prof. A. J. Cook, of the Agricultural College, two by Prof. R. C. Kedzie, and one by Prof. W. J. Beal.

There is no disputing the fact that anv farm implement, be it wagon, plow, harrow, reaper, rake, or what not, if left exposed to rain and sun for ten years. will be practically good for nothing. might say in five years, but if any chose to cavil at five, we will say ten. This is ten per cent per annum! At a cost of less than one per cent, these tools can a proportion of the best carriage horses, be kept always housed, or under cover the finest readsters, and the fastest and of some kind, even if but rough boards, that will shut out sun and rain. Because we do not see the silent slow, but steady, waste, we are apt to forget that times are at hand,

teen years have not appeared simultanethough it is said that the females sometimes, while carrying food to their young, may inflict a painful sting if inin young orchards for the deposit of

It is a foolish mistake to confound a which became very distinguished for remedy of merit with the quack medicines now so common. We have used Parker's Ginger Tonic with the happiest results for Rheumatism and Dyspepsia, and when worn out by overwork, and know it to be a sterling health restore. know it to be a sterling health restorative. See adv.

found from the roots all the way up the coarse, yet he was considered a beautitrunk wherever there is an exudation ful saddle-horse. He was bred by Gen. worm. After destroying all the worms was by imported Shark, a son of Maruse a plaster on the wounds of the tree, ske, sire of English Eclipse, the most composed of cow dung and clay, to successful race-horse ever produced in which add some flowers of sulphur and England, a horse which never lost a salt, say a tablespoonful of each to a gallon of the mixture. The plaster can be made thin enough to be dipped up with a hearth broom and brushed on. After applying the mixture around the alone he was obliged to retire from the base of the tree, draw the dirt back and turf. The dam of Pheasant was by imbase of the tree, draw the dirt back and turf. borer again and destroy all that may have hatched out. It is only by con-Home Journal.

"GOLDEN MEDICAL DISCOVERY"
(Trade mark registered) is not only a sovereign remedy for consumption, but also for consumptive night-sweats, bronchitis, coughs, spitting of blood, weak lungs, shortness of breath, and kindred affections of the throat and chest. By druggists.

remedy known. It not only cures the disease, but prevents it. Sailors make a daily use of it for this purpose. A physician suggests rubbing of the gums daily with lemon juice to keen them in the lemon process. The distinct of the gray mare sontage that the lemon process of the gray mare sontage that the g and there is no known reason why farming should be an exception. These are the days, and especially the evenings, when the tiller of the soil and the breeder of cattle, sheep and horses is at liberty to sit down with himself and study the situation. Now is the time to mature his plans for the next season's active campaign; to map out, not only in his mind but on paper, the distinct outlines of the year's work; to study the needs of one field over another, that all may advance harmoniously in productive progress: to decide the day use of it for this purpose. A physician suggests rubbing of the gums daily use of it for this purpose. A physician suggests rubbing of the gums daily use of the gums daily with lemon juice to keep them in health. The hands and nails are also heat the trotting wonder Flora Temple, at Union, L. 1., May 7, 1855, in three straight heats, time 2:31, 2:33, 2:35, wagber of the situation. Now is the time used in intermittent fevers is mixed with strong, hot black tea or coffee, with strong and daughters became very dissons and daughters became of the dam of Sherman Black Hawk, sometimes distorted in the roots of the dam of Sherman Black Hawk.

#### Freeder. Stock

We had the pleasure of a call from W. E. Pew, son of R. C. Pew, of Prairieville, Pike county, Missouri, who is on his way to Canada to purchase fine stock. Messrs. Pew are stocking their farm with the very choicest imported animals, and those wanting fine stock

#### Educating Animals.

To educate an animal is not to force its nature, but to tame and direct it so tive after operation, but, on the contra- as to make it fit for the service or the permenently healty ac- society of man. This is not a very diffiward man, whose superiority they re-According to Capt. Eads, the jetty cognize by instinct, whom they are bound to please, whose love is agreeable and whose protection is advantageous to them. But before these relations are established, there is an obstacle to be conquered, the distrust natural to the lower animals. The first step to be tathen, then, is to secure the pupil's confidence. Unhappily, many do just the contrary of what is necessary to secure this end. Some brutal men know only how to maltreat their animals, which do not obey because they do not understand. Other men make playthings of them, and others fatigue them with in oportune caresses. Do none of these things. What an animal demands is security. Never harm him, and his confidence will be secured. When these re or for any damage done unintentionally.
Well-doing should always be rewarded obeyed, but only on condition of contin ual action. It sometimes happens that despair revolts against even force.

#### The New England Roadster.

Those who have not carefully studied the subject of breeding will be surprised upon investigation to see how great the finest roadsters, and the fastest and most enduring tretters trace directly back, through sire or dam, to imported Messenger, a gray, thoroughbred raceturf career he started in thirteen races, This year the thirteen year brood of locusts cover the greatest area in the Southern States and in the Mississippi Valley. The entomologists say that the two broods of thirteen years and seventure to the State of New York, where he tags years have not appeared simultane. was kent at different points, with the may be content with the prediction that they will not again appear in the same year until 2102. This "harvest-fly," or periodical locust, is a large black insect, with red eyes and four transparent wings. The insects are harmless, although it is said that the females same try for stock purposes it was estimated try for stock purposes it was estimated by one of the most eminent horsemen of America, the late Hiram Woodruff that he left not less than one thousand sons and daughters. As he was universally held in such high esteem it is probable that a large number of his sons were kept for stock purposes, three of which became very distinguished for bay about fifteen and one-half hands high, a little heavy about the head and bank it up quite high, so as to prevent the butterfly from laying its eggs near the roots. Next October look after the ed there as one of the best in his day. Hambletonian was fitted for the turf have hatched out. It is only by constant attention three or four times a year that this pest can be kept in check. He became more noted, however, as a sire of horses remarkable for speed and eudnrance at the trotting gait than a racer. He was sire of Sir Peter and Whalebone, both distinguished trotters

in their day. At Philadelphia, Pa., Oct. 6, 1831, the latter trotted thirty-two miles against time, to beat 1h. 58m. 31sec., which he won in 1h. 58m. 5sec. Hambletonian was also sire of Harris Hambletonian For all people, in sickness or in health, lemonade is a safe drink. It corrects biliousness. It is a specific against worms and skin complaints. The pippins crushed may also be mixed with water and sugar and used as a drink. Lemon juice is the best anti-scorbutic ed more through the performances of his offspring mon the furf than through

THE KINGS OF THEIR KIND MATEST STALLION RACE EVER TROTTED AMERICA.

It was a grand success, in every particular As a race for stallions exclusively, the long and hard-fought contest on the Rochester driving park July 4, stands without a parallel in America. There were upwards of 10. 600 people in attendance. It seems that the torrents of rain which fell in the morning onld no more dampen the enthusiasm of the local patrons of horse races than it could effect a postponement of the great \$10,000 event. While the officers and members of the driving park association are to be heartiy congratulated upon the result as it is, here is the gratifying certainty that but for the rains, Smuggler's best stallion time, 2:15% would have been beaten. With a soggy, heavy track, the best time made came within three seconds of the best time in which any stallion has ever trotted a mile. In fact every one of the seven straight miles trotted by the valuable horses, came marvelously near, all things considered, to the maximum speed in the careers of the very fastest trotters of any

At 1 o'clock the track was very heavy in satches, but the trackmen were set at work permit. They made a mistake, however, in acraping the outside first and opening it up to the drying influences of sun and breeze, while the ground to be covered by the pole horses was left to retain its moisture as long as the heavy clay in its composition would show great improvement.

During the hour or two before the races ontinuous crowds of people kept fairly ouring in upon the grounds in unbroken brongs, with perfect processions of carriages rinding along at their side through the pubic drives of the park. All along the fence from the driving park hotel, as far as the disance stand west of the wire, there was a black line of moving people, each one of whom was seeking the best possible standing point from which to view the contest beween America's greatest and swiftest stalions. The long, triple grand stands began to be filled in early with people, and some time before the beginning of the trials of speed it was clearly evident that in at least one particular the event was sure to prove grand success. The estimated number of people, as above, was given by a driving park an. The association must have nicely deared several thousand dollars.

THE STALLION RACE. It was 3:30 o'clock before the bell called out the noted stallions who were to trot for the honors of the day. As they came jogging up the track from the stables they were beered by the people in the grand stands. Particularly noticeable and attractive were he neat jockey jackets and caps which had been provided by the association for the Arivers and were worn by the latter. There seemed to be great enthusiasm and interest in the race, and long before it was called there were lively times at the pool stands, with McGregor selling as a strong favorite. at \$150, against Alexander at \$100, Santa Claus seventy dollars, Wedgewood fifty dolars, Hannis forty dollars, Monroe Chief

feet after the long and fretful scoring. Hence it was that he fell back behind such tompany as Monroe Chief fifth, and Wedgewood sixth. Meanwhile none of the other were waiting for these, but Alexander the black horse, became in a technical sense also e dark horse, and took the pole before he had even rounded the first turn. His most intimate companions here were Bonesetter second, McGregor third and Hannis fourth. and thus they remained at the quarter. As they strode up into the back stretch there McGregor had been only fooling with Bone-setter. Just after they shot by the post Mc-Gregor shot up alongside the bald-faced Bonesetter, and gave him something to do.

ander anxious to get away. Wedgewood would not come up in any kind of shape, and, after tailing the others several times on the trial scores, he was about two lengths behind closer third. The other horses kept well together the others were sent away well together except Bonesetter, who fell back as the others pulled out for home. McGregor er, none ahead of Alexander, and none able the others pulled out for home. McGregor get ahead for Wilson watched his nearest and Alexander came into the stretch neck neighbor, McGregor, closely and let the black and neck and they were traveling with great beauty go as fast as he wanted to. McGregor behaved very well and trotted very fast Hickok drove him with great care, while for the first eighth, and Hannis and Bone-setter worked well, better than in the first heat. Alexander reached the quarter pole a Gregor to his utmost and more, for he ran heat. Alexander reached the quarter pole a Gregor to his utmost and more, for he had full length ahead of McGregor and little under the wire a length ahead of Alexander, swung into the stretch with their noses on a Hannis was a close third, Monroe Chief fourth, Santa Claus fifth, Bonesetter sixth, fourth, Wedgewood fifth, Monroe Chief black horse then seemed to realize that "Jimand Wedgewood a miserable seventh, owing sixth and Bonesetter seventh. The friends my wanted him to show his metal, and he had been stellion with reluctance, residid that very thing in a magnificent manner to the fact to his starting so far behind, of the black stallion, with reluctance, re-Bonesetter increased his speed on the second pressed their feelings, for they were anxious quarter and drew away from Santa Claus be lest the horse who finished under a run fore the half was reached. That point was would not be put back for trying to steal the passed in this order: Alexander, McGregor, Hannis, Bonesetter, Santa Claus, Wedgeand questioned the drivers of Alexander and wood. From that point the race was most McGregor regarding what they did and saw interesting, for it was evident that Alexander was letting up a little in speed, it was also blain that McGregor and Hannis were in and driver, but the judges came to the concreasing very rapidly, the former upon the clusion that Alexander was entitled to the latter and both upon the pole horse. The heat, and when they hung out his name, the horses all worked hard about midway between the half mile and the three-quarter and effectually drowned out the hisses of the crowd more than numbered tween the half mile and the three-quarter and effectually drowned out the hisses of the crowd more than numbered the half mile and the three-quarter and effectually drowned out the hisses of the crowd more than numbered the half mile and the three-quarter and both upon the pole horse. The heat, and when they hung out his name, the hurrahs of the crowd more than numbered the half mile and the three-quarter and effectually drowned out the hisses of the crowd more than numbered the half mile and the three-quarter and effectually drowned out the hisses of the crowd more than numbered the half mile and the three-quarter and effectually drowned out the hisses of the crowd more than numbered the half mile and the three-quarter and effectually drowned out the hisses of the crowd more than numbered the horse. among the last four horses until the three-quarter pole was reached, when Hannis, by a fresh at the end, and Santa Claus was just in quarter pole was reached, when Hannis, by a magnificent burst of speed, reached by Mcquarter pole was reached, when Hannis, by a lifesh at the end, and Santa Claus was just and magnificent burst of speed, reached by McGregor for a moment, and Bonesetter shoved his nose ahead of Monroe Chief. When wood, who did not traval fast enough to tree wood, who did not traval fast eno acraping it as soon as its condition would his nose shead of Monroe Chief. When they whirled into the stretch every specta-tor almost held his breath, for Hannis was jogged to the tents for their twenty five J. E. Turner, Philadelphia, going like lightning and McGregor was full minutes rest. Time 2:1914. of business to keep from being overhauled and headed by John Turner's horse. Alex-fered on McGregor against the field for the ander meantime was trotting evenly, but not fifth heat, and the interest to see how he so fast as his two most dangerous competi-tors, and they closed the gap so nearly up that the general conviction was that he with Alexander. They got away in good shape, tors, and they close the gap so hearly appears among those whose money and the succession of that the general conviction was that he with Alexander. They got away in good shape, would be headed by McGregor with Hannis with Alexander at the pole and McGregor a world by track becan hanging to his flanks unless Wilson made very close hanger-on. Before they had gone a way to be the pole and the track becan begin to his flanks unless wilson made the convergence of the pole and McGregor a very close hanger-on. Before they had gone a way to be the pole and the track becan begin to the pole and the track becan begin to the pole and the pole a hanging to his flanks unless wilson made him go faster. Wilson whipped him when he was ten rods from home, but McGregor from the black horse, and held it until the kept going very fast and went under the quarter pole, when Santa Claus came up wire head and shoulders ahead of Alexander, with all others in a wire head and shoulders ahead or Alexander, who, it seems, ceased to make an effort when he was two rods from home. Hannis was bunch considerable space behind. In the good for second place if he had kept his gait down the stretch. He did not do that thing, however, for Turner pulled hard upon the however, for Turner pulled hard upon the however, for Turner pulled hard upon the house was the back. McGragor and Hannis lapped him. The others kept the stretch was not was a least birm back. Hannis third, Santa Claus fourth, Monroe they went past the half all in a crowd, exchief fifth, Bonesetter sixth, and Wedge cept Alexander, who kept the lead, and Chief fifth, Bonesetter sixth, and Wedgewood a bad seventh. A great shout went wedgewood, who brought up the distant the winner, and the manner in which the old in the former case the turns are much up from McGregor's many admirers, and his rear. At the first turn beyond the half betters laid their money on him, gave much more abrupt than in the latter. No ock went up with a bound. He seemed there were five horses nearly abreast and all the exhausted with the effort, while Montrotting fast. They kept their relative posi-

the others lumped in the field, at \$30. But der it a neck ahead of Alexander, with Mc-fifth and sixth heats. the others imped in the held, at \$33. But der it a neck alread of Alexander, with McGregor favorite at \$25 against Monroe Chief fifth and Hannis sixth. Bonethe field at \$15 and \$16, with ready takers setter's driver, Wm. McCarty, when half way and lots of them. Only three or four times down the stretch, was seen flying in the air quently described as France's Alexander. He did the handsome field of horses score for a with the sulky on the horse's back. The start. Then they got off nicely together frightened stallion ran along behind the othshortly after 5 o'clock. There was a strong er horses and was quickly caught. McCarty Gregor striving to keep it, Alexander drawing of everybody (for it seemed as though he in to take it away from him, and Bonesetter must be badly hurt), limped away to where doing his level best to shut them both out. the horse had been halted. Claus sixth, and Wedgewood seventh. Alexander held his lead by less than a length at Sixth Heat.—Only three horses remained seore down about four or five lengths ahead for the pole horse. A like tendency in less but McGregor was a little lighter on his degree was shown by the handsome and rapid the shown that Gregor "got there," through this opening, and nearly to the quarter. He was properly and poked his nose only under the wire held down to a trot by his driver, but not till ahead of Alexander. Monroe Chief ran and he had lost three or four lengths in position. got up from fifth to fourth place, that being the only noticeable change in the field. They went to the finish in this order: Mc-

word, McGregor third and Hannis fourth.

Set that they remained at the quarter and the hannis a fourth part the third turn, Senia Class bego to the way stood in language the browne serior that possible the consequently there was nothing the or creating before they resched the set of the consequently there was nothing the or creating before they resched the consequently there was nothing the consequently thave the consequently the consequently the consequently the conseq

FIFTH HEAT .- Odds of two to one were ofas the emphatic favorite at \$50, against all Alexander 100 feet from the wire, passing un struggle from the first for the lead, with Mc- picked himself up, and, to the astonishment The accident to or from getting ahead of him. That is Alex-to almost everybody except Hickok, who has under buttoned the pocket with the aid of abiding faith in the stallion when endurance

Wedgewood but Crawford pulled him down splendidly quarter pole to the half pole all three horses trotted fast, and McGregor and Santa Claus were neck-and-neck for thirty rods, while Alexander was leading them both more than a length by his immense long strides, which were beautiful to behold. With his hottest competitors pushing out their noses towards him with their utmost power, he neither grew excited nor seemed to need urging and Wilson merely had to let him go as he wanted to. Santa Claus and McGregor Santa Claus and seemed to lose sight of the noble black stal lion in their race with each other, and they od. did that very thing in a magnificent manner by fairly flying down the stretch. Mc-Gregor's driver put his whole energy into understand. When I'm paying more than eight cents per minute, I can't after the desired by the figures out the oat let him run, apparently disgusted and disheartened. He run in behind Alexander a distributed best to best to best to best to the stretch of the United States for 1881. I heartened. He run in behind Alexander a distributed best to best to best to best to best to best to be the states for 1881. I availing, for the horse broke and Urawiord let him run, apparently disgusted and disheartened. He ran in behind Alexander a did my level best to keep my whip arm warm, and then I couldn't get more than warm, and then I couldn't get more than couple of lengths, and Santa Claus was close behind them. The judges set the Kansas horse back to third place for running. Time

Gus Wilson, New York, blk. s. Alexander.... H. H. Gilman, Topeka, ch. s. br. s. Hannis...... 4 3 6 4 6 r o John Splan, Boston, br. s.
Wedgewood . . . . . . 7 7 3 5 4 r
W. H. McCarthy, Chicago, b.

s, Bonesetter....... 3 6 5 6 7 r Wilson, Chicago, b. s. Monroe

see Hickok's Santa Claus do so well in the

was sired by Ben Patchen, out of a mare by Canada Jack, and retired last year with a record of 2:21½, made in June a year ago at Milwaukee. This season Alexander has been track heavy, while the calibre of his opponents was not of a high grade.

THE SECOND MONEY HORSE.

phoric acid with seventy-eight pounds of nitrogen. Being so rich in nitrogen JUSTICE BATEMAN & Co.

Philadelphia, Pa., July 11. They went to the finish in this order: McGregor first, Alexander second, Wedgwood
third, Monroe Chief fourth, Bonesetter fifth,
Hannis sixth, and Santa Claus seventh.
Time 2:18%.

FOURTH HAAT.—Robert McGregor sold
against all competitors at \$50 to \$11 before
the horses were called up, and there were
the horses were called up, and there were
the half mile was passed,
when McGregor seemed to be trying for second place with all his might and with fair
prospect of getting it—and then it was he
group for more than \$5,000.

Woolen Goods.—There is a steady,
legitimate demand for woolens, infliciently applied. Turning in the sheep for
cluding cassimeres, suitings, worsted
the third turn, Santa Claus began to show
his staying qualities in an up-hill race. He
strode ahead after Alexander as though he
strode when McGregor seemed to be trying for second place with all his might and with fair
starch, such as potatoes and roots.
One pound of cotton seed meal is considered by some, equal to two pounds of
cluding cassimeres, suitings, worsted
thirty acres sold for more than \$5,000.
Woolen Goods.—There is a steady,
legitimate demand for woolens, insidered by some, equal to two pounds of
cluding cassimeres, suitings, vorscatings, cloakings, repellegitimate demand for woolens, insidered by some, equal to two pounds of
cluding cassimeres, suitings, worsted
thirty acres sold treatment and some the with any instance of the
water the first as the strong than the strong t and oil it should be used with food rich

Getting It Out of Him.

Last week, young Keepitup was out with a team all afternoon. When he drove into the stable, oh, but the man

Look at that hoss," he wailed, "look at that hoss! Ain't a dry hair on him, and he's nigh ready to drop. That's a pretty lookin' way to bring in a hoss.

Nice man you are, to let a good hoss ed upward turn and prices have ad-

Young Keepitup was fairly astosish-

horse is costing me an even five dollars \$4.25 an hour out of him. I didn't hire time for western houses the horse to rest him. Now if you had the horse to rest him. Now if you had Philadelphia, Pa., June 24. only charged fifteen cents an hour I would have had the horse fed every thirty minutes while I was out, and I would have rocked him to sleep in my arms, wrappod him up in blankets, and hauled him back to the stable myself. That is the difference you see, Mr. Silkcrack-

Robert McGregor...... 2 1 1 2 3 8 3 And he went away, while Mr. Silk-cracker stood looking alternately at the br. s. Santa Claus...... 5 4 7 8 1 1 2 money and the horse, thinking it over.

TO BEAT THE BEST RECORD.—Robert Bonner is confident that his trotters, Rarus and Edwin Forrest, can beat the best time on record. Mr. Bonner says: "If I can get Rarus and Edwin Forrest With the splendid victory for Alexander, a victory won by the most honest trotting ever witnessed upon the Rochester track, his owner, W. G. France, Jr., and his driver, Wilson, may well be satisfied. He is only seven years old and has achieved a great triumph. With the result of the race, most of the old sports, who dropped their money on McGregor as stackille and the splendid victory for Alexander, probably be selected, as I do not consider the Fleetwood track fast enough. I think either Edwin Forrest or Rarus ought to beat 2:10, and the former driving the beat 2:10, and the former driving to the constant of the race, most of the old sports, who dropped their money on sidered by sporting men better than

# Che Shepherd.

Edited by R. M. Boll, of Brighton, Ma-coupin Co., IR., to whom all matter relat-ing to this department should be addressed.

near future to sheep raisers. Don't are turned in as soon as the

sheep-breeding centres in the country. Information can be had by addressing V. P. Richmand, Secretary, Moro, Illinois, or the Secretary of the State Board of Agriculture Sevice Law 1981 Agriculture, Springfield, Illinois.-National Live Stock Journal.

vanced 5c to 7c on some grades. It was generally conceded that values "Man alive," he yelled, picturing his were too low and that prices would The amazement in his voice, "and what did stiffen somewhat, but we do not think "Jim-you expect when I hired him? When a he he loves is costing me an even five dollars any one anticipated such a rapid added he loves is costing me an even five dollars." vance. Medium and fine wools are the most desirable and very scarce. The great firmness and good demand in the eastern markets, together with the excitement in the west, would indicate still higher prices here; fine and medium wools will evidently reach 48c to 52c. We have never seen a more favorable time for western holders to make a

London Colonial Wool Sales.

LONDON, ENG., June 21.-At the wool sales to-day 10,600 bales were sold, chiefly New South Wales, Victoria and New Zealand. The sales were steady and prices unchanged.

London, June 23.—The wool sales to-day 9,700 bales were sold, chiefly Sydney, New Zealand, Port Phillip and Cape; prices were very firm. The present series of sales will close on July ist, and the next series will commence

August 23d. London, June 24.—The colonial sales continue to manifest not only consider-Wilson, Chicago, b. s. Monroe into a satisfactory condition, I may give able animation, but great strength.

Australian wool is firmer, superior being up to 15½d or 95c for the scoured Prospect Park or Hartford track will wools great strength.

With the splendid victory for Alexander, probably be splended as Lidovic and Lidovic

the old sports, who dropped their money on sidered by sporting men better than casions the two remedies for the codling McGregor so steadily and so exclusively dur
2:10% on a mile track. You see, on a moth which are coming into extensive use, down the stretch. He did not up that unjust and then Santa Claus overhands there kept however, for Turner pulled hard upon the and Hannis lapped him. The others kept him back. McGregor so steadily and so exclusively durged three-quarter track you go round a circumstance will together, except Wedgewood, who had ing the whole afternoon, are undoubtedly three-quarter track you go round a circumstance will together, except Wedgewood, who had disgusted. It is the common remark that cle of twenty-three acres, while on a namely, the application of paper bands, and will be read boxes will track you traverse a circle of forty-the feeding of sheep and swine under the McGregor was the choice in the pool boxes mile track you traverse a circle of fortyof a combination that connived to make him two acres. It is easy to understand that remedy was published on page 310. The color to the story. If such was the case, the half mile track can be as fast as a three continued inquiries which are made on the stock went up with a bound. He seemed little exhausted with the effort, while Monroe Chief, Bonesetter and Alexander showed from the wire was the case, the combination was most effectually "busted," though the same to the stretch, when all the special to combination was most effectually "busted," though the special to combination was most effectually "busted," and the sporting fraternity from abroad are track, nor any three quarter tracks as a mile track. A week as fast as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track. A week as fast as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track. A week as fast as a mile track, nor any three quarter tracks as a mile track. A week as fast as a three combination was most effectually "busted," and the sporting fraternity from abroad are tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track, nor any three quarter tracks as a mile track. A week as fast as a three trotting fast. They kept their relative positions until they came to the store, like sport and the sporting fraternity from abroad are tracks. A week as fast as a three trotted, nor any three quarter tracks as three combinations as a mile track. A week as fast as a three trotted, nor any three quarter tracks as three trotted, nor any three quarter tracks as three Swine answer well, but do not often exist in herds large enough for extensive orchards, and besides they are less vigilant than sheep in picking up the droppings of infested fruit. It is now many years since our attention

was first called to the use of sheep in clear-

ing orchards of the codling moth. More recently, as the remedy has been adopted by skillful orchardists, many examples of success have come to our knowledge. One won the 2:21 prize in three heats—2:20½; at Beacon Park, on June 9, he two weeks, sheep will advance in price But black Alexander was the successful contestant in this little matinee. He curved around ahead of McGregor, put him in a pocket and buttoned it up to prevent McGre-based scheme around about the following week the 2:19 purse in three heats, over a large of over one heat by Santa Claus was a genuine surprise already—a thing quite unusual up to add the birth of the clip of the college of the co won the 2:20 purse in three heats, over a very flow track, in 2:24½, 2:23¾, 2:23¾; 1881 has passed out of producer's hands worm, has sold for an average of over one at Mystic the following week the 2:19 purse already—a thing quite unusual up to fell to him in three heats, time 2:2634, 2:26, date. While we were, with many oth-2:261/2; and at Providence he secured the Bonesetter, for there seemed to be a desire and speed combined are required. Alexanto beat the favorite anyhow, So it was that der tried hard to win the heat, and McGregor they pased the quarter in this order: Alexanalso, but the former was not expecting the best speed, for the weather was poor and the latter best speed, for the weather was poor and the weather was poor and the calibre of his oppokas, Hannis forty dollars, Monroe Chief and Bonesetter ten dollars, and Woorey was still trying to lars. Voltaire, Independence and Amber were drawn. The other seven drew positions for a start as follows: Wedgewood, pole; McGregor, second, and Santa Claus, Hannis had now drawn patenting extra the contest for the bell, or mit the horses began to score.

Figs. Har.—More than a dozen times the reached second to the bright grain of the bell, to come back and try it again. The sevened dever was a reyr fascinating scene to the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to went of the self-and his driver seemed determined to with the self-and his driver seemed determined to seem the subject of knock the sheep in the head, nor give pasturage, and are continued till near the end How to use cotton seed meal in feeding it to stock is a matter of no little importance. When fed too freely it importance. When fed too freely it adequate for the wants of the machinery ples which they reach are more than repaid Analyses show that a ton of cotton seed meal contains thirty-eight pounds of potash and fifty-six pounds of phosphoric acid with seventy-eight pounds by president—we believe wool must eventually command somewhat better prices than rates now prevailing.

JUSTICE BATEMAN & Co. thirty acres sold for more than \$5,000.



JOHN OF TOURS.

John of T urs is back with peace, But he comes home ill at ease. ""Good-morrow, mother!" Your wife has borne you a little one "Go, now, mother, go before, Make,me a bell upon the floor. Very low your feet must fall That my wife hear not at all. As it neared the midnight oll, Joan of Pours gave up his soul,

"Te'l me now, my mother, my dear, What's the crying that I hear?" "Daughter, the children are awake, Crying with their teeth that ache." "Daughter, it's the car pemer Mending the planks up a the stair." "Tell me too, my mother, my dear, What's the singing that I hear?" Going round about our house," "Teli me, then, my mother, my dear, What's the dress that I should wear?" "Daughter any re is or blues." "Nay, but say, my m ther, my dear Why do you sail weeping nere?" 44Oh, the truth it must be said—

Ay. and still have room to spare, For you must shu the baby there.'

"Mother, let the sexton k ow That the grave must be for two;

have looked over the Home Circle, which department pleases me very

Nina, I was very sorry to hear of your dislike for boys. You should think well before you make such statein molding their characters. How of- space to its publication. It speaks very ten we hear men declare, "I owe all I favorably of the Springs, and confirms wife or sister." If women only knew published in regard to the benefits to be what a few kind words from them derived by partaking of the waters. would accomplish in the way of good, much more good would be done. A be more accurate." I account for my own success, so far as I have been successful in this world, to my determination to perform my allotted work as the correctly as possible. Accuracy as possible and so whole-souled withal. And now if the fighting editor does not unspell of sickness, and large doctor only spell of sickness, and large doctor only spell of sickness, and large doctor with their steps. Granted all had succumbed to the smell the day become accurate. It is the death reports to see now many a long of household duties, and many a long spell of sickness, and large doctor only spell of sickness, and large doctor only spell of sickness, and large doctor with their wishes, filled their houses with their wishes, filled their houses with the order of the curious notes of travel, was the fact that nearly every lady on victorious in war.

So we presume that Don Juan will be care had one or more children: and near correctly as possible. Accuracy the Home Circle will never know the wild flowers, and listen to the soft tink-So dear boys and girls, think well before

from thorns Lloyd Guyot, I admire your letters very much. I think the RURAL WORLD

Home Circle to be found anywhere.
Will some kind friend, please inform me the best books for a boy to read who has never had any of the writings of our best authors? I wish to get them soon, but don't know what is best for me. Hoping to hear from some of you through the Home Circle, and see many of your bright and interesting letters, I remain, yours truly,

ORPHAN BOY.

Florence Nightingale. Dear friends of the Home Circle, let one who is so lucky as to capture that merelate to you an instance of "Flor-fair haired minister, the Rev. Paulus. ence Nightingale," and show you the heroism of the greatest lady that lived. will find an abundance of solid comfort over this city editor? And if he had cism. You think criticism is merely the world, and as a consequence, there there was wafted westward across the continent to England, a wail of woe and distress, such as was never before heard by any civilized people. It came from sick and wounded soldiers, as they uncared for on the battle-jeld.

Beg pardon, Gillie, but I didn't think of any other lines that seemed appropriate, and if you are angry with me just seize that wonderful instrument of good. You were the ragged writer tipodes on paper as elsewhere, and generally indicate to some extent the author's ability." First we wish to ask it that entered the arena at first, but when the ragge and discovered the ragge and the consumption of the consump form sick and wounded soldiers, as that seemed approximation. Your illustration was from sick and wounded soldiers, as that seemed approximation of the soldiers and the poor soldiers were the poor soldiers which the sold of manking; it always by the fearful mortality among her troops. The sad wait, the means of the sold write, and or loving friends could devise, Instantly she responded to the sold of manking; it always addition the sold of manking; it always don't cheefed the sold of manking of the sold of manking of the sold of the of death" she faltered not. The ghastiy dead, the mangled and shattered wrest part of the himan form, made so by the death-faling missiles of the enemy fand no terrors for her, when dity and humanify called. The terroits after company called the reach of human aid, brough as well again to a such an editor as you, I had a bigner of the silkening stated were on posing bodies only added to the view scenes never to be forgotten. The sickening stench of decord on the reach of human aid, brough and the living; kneeling down

Florence Nightingale. No monument is needed to immortalize her name. Her memory will be held in grateful re-membrance long after the name of Na-poleon shall have been forgotten. Her were not passed by unrewarded. A gift of fifty thousand pounds was lightful home and its enjoyments, her health and all the pleasures of life, that others might live, rescued from the very kermann and Balaklave. Look at her life-work and compare it with Napoeon's. I remain yours, Vernon Co., July 5, 1881. HERBERT.

Eureka Springs.

COL. COLMAN: Some months since, I spoke through your columns disparagingly of Eureka Springs. My informawho made an unsatisfactory visit thereto. Please insert the following article, what he says can be strictty relied up-His thoughts may prove interest

REMARKS.—The article sent would

#### Letter from Calcium Fleet.

Dear friends of the Home Circle, at tle worried when you made the remark, columns, and whose experience and frefor to judge from your letters, one
quent visits to the press have won for
would think you to be a very good and would think you to be a very good and them a warm place in the hearts of the with enough diversion to prevent his

myself had I the ability.

I like Nina real well, that is of course, can boast of the best and most cheerful I mean her writings. I have seen in a poem somewhere the

> Nina, of the golden hair, Nina, sweet, surpassing fair.

Wonder if this was the Nina whose writing we so admire?

Gillie Lee is full of vivacity and brilliant humor, and what is more, as false colors. plucky as any of her sisters dare Now, girls, a fair start and long peace, happiness and prosperity, to the

There are fishes in the se That have not been caught;

amid corpses to minister to some poor soldier who had fallen beside them, as the little ones, and none who will ment by "methodical foolishness?" with all the tenderness of a mother's love or a sister's devotion. The rough dragoon or the drummer how some little and kind words, then for the corporation is considered. with all the tenderness of a mother's love or a sister's devotion. The rough dragoon or the drummer boy, some little folks; and, moreover, an occasion-mother's darling, received alike her utmost care and attention. Hundreds, thousands, lived to bless the name of thousands, lived to bless the name of the control of the following the control of the following the fol Vernon Co, Wisconsin.

Mean Men.

made to her as a slight testimonial of her invaluable services. But her last sing by. The flowers caught her eye, and ed if we should be quiescent. Study noble act was the crowning glory of a beautiful life. She donated the entire with a brightening look she asked her your own article carefully, and you may sum given her to the founding of an husband to buy some. But he cut her be able in time to eradicate your egoinstitution for the education and train- off with the words, "we need no flowers, tism, without the assistance of anyone. of nurses. She still lives, an inva-it would be money thrown away." An She sacrificed every comfort, a deexpression of sadness and disappointment overspread the woman's face, and with a wistful parting glance at the You write a nice letter. laws of death on the battle-fields of In- lovely flowers she passed on. I am acquainted with both, and know that his wife not only performs her household duties, but also assists in the store, lending a helping hand wherever she can. I was therefore not a little surprised to see her denied the pleasure which the possession of a few flowers, tion was founded on the testimony of brought, and my mental comments on costing perhaps a dollar, would have Judge F— a prominent St. Louisian the man's action were not very complimentary. There are model wives who slave the year round for their lord and The space of the St. Louis Republican, who is at present sojourning at Eureka Springs, interest of health, and mental relaxation. D. M. M., combines literary ability with integrity of character, and what he save our he stricter, radied. one, they are met with growls, and often scarcely get half they ask for, ing and important to the many health-seekers of your journal. Lena. though their expenses for wearing ap-parel and luxuries do not amount to one-half of what their husbands expend for similar wants. Others, again, espements, as the boys, you know, will soon be men. You have your part to perform RAL WORLD, and we cannot devote the am, or ever expect to be, to my mother, the good reports we have heretofore think of taking them out for a drive, slang, but is now the highly cultured upon I rose and made inquiry as to the return mail if required; or write up a or to an entertainment.

Now this is downright selfishness and meanness, and proves such men to

"coat sleeves," but I never sail under C. C.

Letter From Lloyd Guyot.

So Don Juan is an editor. Oh, my! Paulus, don't you see how we have infair haired minister, the Kev. Paulus, it is sincerely hoped that the disappointed ones, whoever they may be, ever, by assuming the role of critic Then a fig for," &c.

Beg pardon, Gillie, but I didn't think | slightest suspicion of it, would we? We shall illustrate this by Much obliged, Don, for this valuable two of your expressions.

tism, I think it unnecessary for you to have two essays on the same subject. Yours in the RURAL of June 16th is the best one I ever saw, inasmuch as it portrays the most consummate ego-Not long since, while I had stopped to tist in Kausas. Bon Ami and myself, cooling off, was tempted to try the admire a lot of flowers which were of- don't feel ourselves competent to match luxury of a Pullman car that would fered for sale on the sidewalk, a well-to- you in a literary struggle of this charac-Miss Ted, your letter of the 16 inst., was "read with pleasure." I am very

> You write a nice letter.
>
> Visitor, please explain what is meant forget it." Then, taking off his coat, he by this expression: "Sound and sense are as desirable antipodes on paper as elsewhere." It's too gigantic for me.
>
> Tyro asks the question, "Can the his line. His eloquence carried me I am your well wisher, actor be a moral man, according to the right away, and made a convert, so we present state of the stage?" In my essmiled and parted—I going home to definition of "morality," as given by Webster, I can see nothing in it incompatible with the actor's profession. Of Wabash R.R. course there are different grades actors, but the class found in our best theaters is the one by which we are to judge. Webster says that to be immoral

ly considered suitable for membership eters and that other world, where it at the business, she must devote herself in the church, but it is equally clear is supposed they burst. Anyway dur- to it just as she would to dress-making necessary for such an admission. infidel may be moral from the above definition; so can an actor.

pertains to practice or manners in ref-

erence to right and wrong; virtuous;

LLOYD GUYOT.

Letter from Bon Aml. DEAR HOME CIRCLE: We have been my sleep being disturbed by dreams on must hold herself in readiness to write cities, are kept at home like prisoners, again favored with a letter from our the best method of making bone ferseeing but little congenial company, ancient friend, Don Juan. No longer tilizers, which problem was not solved be ready to write upon any subject and in yet their husbands never so much as is he the ignorant writer of offensive when the porter poked me up, whereeditor of a daily newspaper. This is no track running so close to the fertiliztheory of ours; Don Juan himself is our ing factories, when I was informed that previous knowledge of it, and with no be unjust and shortsighted, or they authority for the statement. As the would certainly stop to consider that a drunken man who stumbles into the from the Chicago river, which acts as article interesting, and read as if unlimkind word or look will always acted the risk of incurring the displeasure of ey for the gratification of her tastes as to another, so Don Juan transforms fuse.

Dear friends of the Home Circle, at wife has a right to spend as much monthly rushes from one extreme open sewer to drain the city of its rejection of the risk of incurring the displeasure of ey for the gratification of her tastes as to another, so Don Juan transforms fuse. complish more than a world of scolding. I hope, Nina, you were only a little essayists who contribute to your lake into consideration that a woman is himself into the most brilliant contribution.

kind hearted young lady. I think every boy and girl should determine to be world of letters as polished literati, a takes his daily exercise going and comband to appear at certain from the fatigues of home; but if the world of letters as polished literati, a takes his daily exercise going and comband to appear at certain from the fatigues of home; but if the letters as polished literati, a takes his daily exercise going and comband to appear at certain from the fatigues of home; but if the letters are polished literati, a takes his daily exercise going and comband to appear at certain from the fatigues of home; but if the letters are polished literati, a lateral place in the heartest of the letters are polished literation. tain seasons in the form of a foul and happy rememberances of home; but if resting from the fatigues of journeying poisonous snake. Those who injured the passenger's were from any other or sight-seeing. She cannot afford to be either warried or ill until after the inaccurate. In working, do everything just right. In learing your lessons, try and get the exact meaning. In speaking, try and state the real truth. How much trouble and vexation would be spared your friends and parents, if every boy and girl would just say, "I will serve have while a silent readery boy and girl would just say, "I will section in the section of the disquise of business, continuating from his place of business, continuating from the taugues of John his place of business, continuating from the fatigues of the passenger's were from any other distributed in the passenger's were from an spared your friends and parents, if every have while a silent readery boy and girl would just say, "I will
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to
try from now to the end of my life to

peating the experiment.

Visitor, we hope we shall have the pleasure of your company often. We like your letter, but we are compelled to dissent from your definition of criti-bellows of the natives the strongest in water from rainfalls. not told us that he was editing a daily paper, we never would have had the slightest suspicion of it, would Much obliged, Don, for this valuable information. Your illustration was cism. You think criticism is merely one's opinion colored more or less by sympathy or cynicism. Most of the slightest suspicion of it, would we? Much obliged, Don, for this valuable information. Your illustration was information and the many deaths the world, and as a consequence, there are very few deaths by consumption in their midst, though this lacking is fully made up the many deaths recorded two of your expressions. You say, information of the consumption of the consumption of the consumption of the consumption of the world, and as a consequence, there with ender from rainfalls. The waster from rainfalls. The waster from rainfalls. The world, and as a consequence, there with choice game fish. This was easily accomplished with a net in a small lake four miles distant—such as white perchapted with the world, and as a consequence, there with choice game fish. This was easily accomplished with a net in a small lake four miles distant—such as white perchapted with choice game fish. I now have my pond well stocked in the world, and as a consequence, there world, and as a consequence, there with choice game fish. This was easily accomplished with a net in a small lake four miles distant—such as white perchapted with choice game fish. I now have my pond well stocked in the world, and as a consequence, there with the world, and as a consequence, there will be accomplished with a net in a small lake four miles distant—such as white perchapted with a net in a small lake four miles distant—such as white perchapted with a net in a small lake four miles of criticism are founded on sense.

We shall illustrate this by referring to their mids, though this lacking is fully accomplished with a net in a small lake four miles distant—such as white perchapted with a net in a small lake four miles distant—such as white perchapted with a net in a small

the art) for joy, that he had escaped. more about him at present. Box AMI. and gush, should go to Chicago, where

There is no place like home, though there are a good many places more desirable, should that home be located within that radius where old Sol takes to a close, we wended our way to the special pleasure in making things hot, depot, where we took the cars for Mil. special pleasure in making things hot, wakee, thence on to the lake region of generally, as he has done of late—at Wisconsin. Where we went, and what generally, as he has done of have wisconsin. Wiscons. Wisconsin. Wisconsin. Wisconsin. Wisconsin. Wisconsin. Wiscons. W ing exhausted all known methods of Till then, adieu. take him anywhere at this par boiled condition to the quickest get-at-able place, where sleep was a possibility and life worth living for.

On making some inquiry as to the ocation of this much to be desired friend. It is this: when a lady and place, I came across the sleek and well-friendly correspondence, and one of the fed Wabash ticket office man, who in party should tire, what would be the the words of the immortal Horace said, proper way to cease the correspondence?
"Go porth young man, and don't you! Should he or she make some kind of a lay himself out on the cool breezes to kind enough to grant the favor of conbe had in Wisconsin, if I would go by sidering this and advising my friend his line. His cloquence carried me I am your well wisher, Twanner. smiled and parted-I going home to other who wanted cooling off via the ideas concerning a literary career. A Wabash R. R. woman must not expect to find any play

That night the cars on his line, carried me off at the rate of thirty miles sion. A practical writer leads a life of per hour of which I knew but little, as bona fide drudgery. She may, now and of the righteous until we neared Chi-posess the inestimable privilege of waitcago, where the air seemed laden with ing until they are inspired before they

Ariosto tells a pretty story of a fairy he was a Chicago man, he took to the gence of any ordinary man or woman. who, by some mysterious law of her nasmell like a fish takes to water, he at her year headyshe of the proper headysh

So we presume that Don Juan will the cars had one or more children; and are monopolizing the thoughts of intelligent minds of the age, has no business will gain us friends and confidence. Sorrow of my fate, and cannot weep for ling of distant bells, or the twittering of birds in the bushes near by, while re
To those who spoke kindly of him durme the healing tears of sympathy.

Wild flowers, and listen to the soft tinktake the same course as did the fairy.
To those who spoke kindly of him durme the healing tears of sympathy.

Wild flowers, and listen to the soft tinkto put her pen to paper, since these
me the healing tears of sympathy.

To those who spoke kindly of him durme the healing tears of sympathy. So dear boys and girls, think well before you make a choice. There are many things that tend to make a noble character. Place accuracy high in this list. Black a choice accuracy high in this list. Cannot some of the California of a reasonable request for the gratification of a wife's tastes for flowers, or the valley from the begin.

> the system. I know of many cases out speedy punishment to all those who cago, Milwaukee & St. Paul R. R. house several springs broke out in the where men with the best of wives, neglect them to an extent which is surleet them to an extent which is surprising, and often denythem a reasonable request, when they know that it we tremble to advise a person of such here report, for it would be a difficult ground. All I had to do to collect a would have given much pleasure. How stupendous intellect, yet we submit task to say anything new of Chicago, fine body of water, was to build a levee men possessing such wives can be so that if Don Juan wishes to slay a thounarrow-minded and mean, I can't for the sand of his adversaries, he could more continuously ever since the first mud to the other, which I did, about eight easily accomplish his purpose by using streets were staked out. Blowing, that feet high, twelve feet at the base, slop-P.S. In a late RURAL some one suspects that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. We report that another writer and lare identities in the period of his pen. member one case in which a man was art that but few acquire in other cities; from the inside where I designed my very successfui fighting his enemies but here in Chicago, it is second nature, with a jaw-bone, and we doubt not that the benefits are manifold of which body of water covering some two acres Don Juan might be benefited by re the native or naturalized citizen fully of ground, with a depth of from two to

they can find a superabundance of such a mixture, in every one from the city fathers, down to the little arab who cleans your boots for five cents. Our time for sight-seeing drawing

Some time has elapsed since last I thrust myself upon your notice, and I feel gratified that I have been welcomed in your cherished circle. I wish to ask the epinion of the members in regard to a question put to me by a dear excuse, or stop short without any ex-

Professional Authorship. First of all, it will be well to disabuse

women in general of their erroneous

when she adopts literature for a profes-

the luxury of a rock me to sleep, then, find her pet poems or finely written mother, kind of motion of the sleeper. stories or essays accepted and paid for; It is true that an actor is not general-made me forget all about thermom-but if she would make an actual living ing the entire journey I slept the sleep or dish-washing. Amatuer writers only perfumes more suggestive of agricul- write. The professional writer must ture than city culture, which no doubt compel the inspiration or write without was the cause of the last half hour of it. A woman who writes for a living any style. She must send a poem by whole geographical division without thing but a guide-book and a dictionary for want of space. If she be a reporter, she must be able to write on the wing, It was curious to note the effect the and in the midst of crowds and confidence had on different passengers. If ignorance which she may unwittingly display. A woman who knows nothing One of the curious notes of travel, was the fact that nearly every lady on all the rest of important subjects which press no opinion on apparently the

pond, for the levee. This gave me a

#### THE DEBUTANTE.

with what shy; yet wistful glances, with what secret, sme thered sighs. Little maid repels advances, While she longs too do thedances . Interdicted by the wise

Abl that music, how it lingers. In the warm rose-scented air: How she clasps her lilv fingers, Crushing garlands of syringas propped from mucky rings of hair.

What were fleunces for, and laces, Why were satin samuals made M not to enchance her graces In such gay gas-lighted places While the maddest tunes were played. Way should girls be supple, sleader, surely, not to sit in pairs, While those waltzes, low and tender. such delicious. rests engender

Youder on the shaded stairs.

#### CHRISTIANITY AS SOCIALLY PRAC-TICED.

"How d'ye like the pa'son?" asked on the fence, and eved the wash that Mrs. Specklewiggin was busy hanging

"He is very gifted, 'specially in pra'r," replied Mrs. Specklewiggin, taking a clothes pin out of her mouth. "We are settin' great deal of store by him. Have you heard that he was very attentive to my Minervy?"

"I heard that Minery said so," giggled Mrs. Bartleben, "but the fact is he's droppin' in every night to see how my wish-Sophanisby's soul is gettin' on. She's a likely gal and if he's gospelin' around her for a spare rib, he can't do better than Sophanisby."

"I guess that's so," retorted Mother Specklewiggin. "She's thin enough and long as 1 sal vant ze house. Eh monou can git along without her. If the sieur? s'son is in want o' that kind o' goods, ou got 'em on draught. Minervy is aking some lamb'kins for his parlor tanks for zes accomodation." winders. Come in sometime when yer hands are clean and look at 'em."

"Don't b'lieve I'll have time this week. He comes to tea every night, week. He comes to tea every night, the lessee may desire the same, he pay and me and Sophanisby is gittin' up ing the rent thereof promptly," etc. some new shirts and a book mark for

"Now, that's a good idee," said Mrs. pulpit needs sone new shirts. For gracious sake make a long flap, so's to cov er the communion table, 'cause-"

"The shirts are for the pa'son," ex-

"The shirts are for the pa'son," explained Mrs. Bartleben, with flashing eves. "The book mark is for the pulpit. But of course folks who only goes to church to marry their darter would only consider the part that wears shirts. Beside that, we're makin' up some bed quilts for him."

"Then, for goodness sake, don't line 'em with paper. If there's anythin' that Mynervy can't stand its paper lined quilts, and you know she'll have to sleep under anything you make for the pa'son. She said yesterday, 'Ma, everything I do for the dear pa'son will be in blue, 'cause that suits my complexion."

And so it does. She's gettin' up some And so it does. She's gettin' up some ham mats in blue this very minute." "You don't tell," snorted Mother Bar-

tleben, my Sophianisby was going to make some lamp mats, but the pa'son make some lamp mats, but the pa'son said, 'Bisby, dear,' he calls her Bisby; said he, 'Bisby, dear, no lamp mats, please. If you must do somethin' for the church, make me some underclothing of red flannel.' You know Sophanisby is very dark. Thats why he wanted 'my red. Then sha is makin' and em red. Then she is makin' a yel-foot stool for him, and he says he will always prize it 'cause it will re-mind him o' the sunsets in which he as set around with her.

"How beautiful his idees flows!" murhis cane bottom chair, and some time when we ain't very busy, you might come to the winder and see it."

her to make it wide enough for two, or it'll never be used," quoted Madame Bartleben, "Green is a good idee as re-presenting how Minervy will look when he keerds come out for the wedding. phanisby is spinnin' a red fish line for

do most anthin' to catch him, and told Mynervy so, and she's embroiderin' bome clams for bait."

committed, the cause is attributed to whiskey do most anthin' to catch him, and told Mynervy so, and she's embroiderin' bome clams for bait."

committed, the cause is attributed to whiskey undisturbed never hurt any one.—Pomeroy's Great West.

But a shower of clothespin's broke off the theological discussion, and the worting the Christians separated, neither unserstanding that the parson was enged to a widow "ap town,"—Brooklyn Bagle.

Omaha Bee.

—"An honest man is the noblest work of God," and a virtuous man is—is—well, he is so rare that enough of him would never be secured to make an assay will determine what he is.—Modern Argo.

There is a shrewd and wealthy old began reading in Acts xx... "And after the up roar had cested."—New York Musical Critic. s noted for driving his "sharp bara large number of dwelling houses, and about on the grass, that the stains be taken out it is said of him that he is not over out of his pants so much as is immediately possible.—Williamsport Breakfast Table. ever he can find a customer whom he knows to be responsible. His object is always to lease his houses for a term of years to the best tenant, and get the utmost nickel in the shape of rent.

Adiminutive Frenchman called on given, and the Yankee landlord ascertaining that that the tenant was a man after his own heart" for a tenant, immediatly began to "jew" him. He found ion in gait for girls. We care not what others that the tenement appeared to suit the less may think, but give us the old style of speling, New Haves, Ci.

—The Boston Globe man is satisfied. He label.

—The Boston Globe man is sa

little Frenchman, and he placed an ex-orbitant price upon it; but the lease was drawn and duly executed. and the ten-ant removed into his new quarters. ant removed into his new quarters.

house, it was found that the chimneys baving constructed for the world's fair a log wouldn't "draw," and the building was cabin bed quilt containing 2,135 pieces. The filled with smoke. The window sashes rattled in the wind at night, and the that the owner was general manager of the cold air rushed in through a hundred melon patch.—Laramie Boomerang. crevices about the house until now unnoticed. The snow melted upon the roof, and the attics were drenched from leakage. The rain pelted and our French man found a "natural" bath-room upon And their combined wealth, reckoned at ≢50

"Good day, sir. How do you like your "Ah! monsieur-elegant, beautiful-

"I have find by what you sal call ze lease, zat you have give me ze house for but tree year, and I ver mooch sorrow

And he sat in the bower she had shaded for him.

"But you can have it longer if you Ah, monsieur, I sal be ver mooch glad, if I can have zat house so long as I please—oh, mousieur——"
"Oh, certainly, certainly, sir."

"Tres blen, monsieur! I sal valk rite to your offees, and you sal give me vat

"Certainly, sir. You can stay there

The old leases were destroyed and a new one was delivered in form to the osity, and while he waited he began: French gentleman, giving him posses sion of the premises for "such period as

The next morning our crafty landlord was passing the house just as the French man's last load of furniture was being started from the door; and an hour af-Specklewiggin, with a grin. "I don't terward a messenger called on him with know about the book mark, but that a "legal tender," for the rent for eight days, accompanied with a note as fol-

lays, accompanies when any construction of the construction of the

## SELECTED SHARPS.

A face so fair, A form so rare, A duplex folding crinoline

An eye so bright, A waist so slight. Rosettes and lace and bandoline

A laugh so light. A glove so tight, The latest taste in moire antique;

A foot so neat, A tout ensemble quite unique.

A bang so straight, A tete-a-tete. A jolly old port wine papa; A mouth so small,

No ma at all. sequence, no mother-in-law -Ex.

quarter judiciously bestowed

come to the winder and see it."

"How to tell a mad dog. We have nothing to tell a mad dog that we cannot communibetter send it inter our house, and tell cate by telephone or postal card.

She had him puil that aching tooth-With open mouth, both long and wide Oh, close the trap, he said, forsooth !

'Tis my intent to stand outside. -Dr. Huey. -Nine times out of ten, when a murder is

That's just like Per!" exclaimed Mrs. Battleben, in admiration. "She knows what she's accustomed to bile at and she thinks he'll land her! Isn it a pity she's so old and fat?"

That's just like Per!" exclaimed Mrs. Is would box your ears, "said a young lady to here stupid and tiresome admirer, "if—if what?" he anxiously inquired. "If I could get a bex large enough for the purpose," she she's a story!" howeled Mrs. Piles. Piles.

"That's a story!" howled Mrs. Speckle—
"The meanest man on record is in New York. He invited a night watchman to take bent hair pin, as Sophanisby does, you think she's fat. She's lost five pounds that would keep the man awake all night.—

Charles Rea.

Omaha Bee.

-After the choir in one of the churches in

- Moreover it hath been written that he as," by which he has amassed a large who sideth upon the raspberry pie while the amount of property. He is the owner of taken out into the woods and wiped around

> -Emily Soldene is stranded at St. Louis. on account of her manager's refusal or in-ability to pay the salary due her for her Cali-fornia trip. Emily has three other mouths to feed besides her own, and the situation is appalling.—Peck's Sun.

-"Can I give my son a college education at home?" asks a fond parent. Well, you him last winter to hire a dwelling he owned in Portland, and which had long remained empty. References were siven with the idea that everybody else is one him with the idea that everybody else is a blamed fool.

-The Boston Globe man is satisfied. He

-A Laramie man who used to own a wa-Upon the kindling of the fires in the termelon patch and a bull dog in Iowa is

last May were collected in one place they would make a city equal in population to the cellar floor—but the lease was signed and the landlord chuckled.

"I have been vat you sal call 'suck' in,' vis zis dam maison" muttered our victim to himself, a week afterward—"but ther combined wealth, feekond at 4500 per capita, would just pay for a pie in the city of Brotherly Love, during a centennial. But they don't all come here. The stupidest of them stop in Philadelphia, where t ey are readily engaged as detectives.—Peck's Sun.

N'importe— ve sal see vot ve sal see."

Next morning he arose bright and early and passing down town he encountered the landlord.

—The sentiment of the honeymoon is a frail thing, and after a while a mam flops early and passing down town he encountered the landlord.

—The sentiment of the honeymoon is a frail thing, and after a while a mam flops early and passing down town he encountered the landlord. -The sentiment of the honeymoon is a "Mow d'ye like the pa'son?" asked "A-ha! Bon jour, monsieur," said he in his happiest manner.

"A-ha! Bon jour, monsieur," said he in husband forcing himself to appear not too an the fence, and eyed the wash that "Good day, sir. How do you like your severly tortured, said: "Don't you feel as if you were periling your beauty by talking so much?" "Why so, John?" she asked with some surprise. "Because, precious, this is summer time, and you might get your tongue magnificent, Eh, bien, monsieur, I have but ze one regret."

"Ah! What is that?"

"Monsieur, I sallive in zat house but tree little year."

"How so?"

"I have first by what a second by what he what he was a sum of the same surprise. "Because, precious, this is summer time, and you might get your tongue surburnt."—Brooklyn Eagle.

"Oh come to the bower I have shaded for thee," So sang a fair maiden, as fair as could be; And he came, with a heart welling up to the

So sang a fair maiden, as fair as could be; And he came, with a heart welling up to the

But he sat down, alas! on a half concealed nest Wherein some tired hornets were taking their And though it was something uncommonly

To see these tired hornets forget their fatigue 'Twas bigger to see, as he fell where he rose How he wiped up the ground with his new

Sunday clothes. - Brooklyn Eagle. A Funny Druggist from St. Louis. The other morning when Mr. Jones en tered his family drug store to have a prescription put up he found a new clerk in attendance. Mr. Jones has considearble curi-

"Been here long?"

"Only two days.

"Going to stay?"
"I think so." "Old clerk gone for good?"

'Yes.' "Come from New York?"
"No. I came from St. Louis."

"Didn't like the town, I suppose?" "Oh, fairly."

"Got a better offer here, I presume?" "Well, not much better.

"Druggist related to you?"

"Going to marry his daughter?" "Haven't thought of it"
There was a brief rest until the clerk had finished his labors, and then he beckoned Mr. Jones into the back room and said:

It is needless to add that our Yankee and on an and I will tell you in confidence give up "a bird in the hand for one in the bush."

"You look like a person who can be depended on, and I will tell you in confidence why I came here. I liked St. Louis, and I had good wages: but I happened to kill three or four persons by putting up wrong pres-criptions and I thought a change of location would relieve my sorrow. This is on the square, you know, and nothing is to be said unless I lay out two or three of your leading citizens, in which case I shall give up the drug business altogether and go to sailing a

land-barge." Jones went out feeling of his left ear and looking into vacancy, and his sore throat got well without the help of the gargle—Pella

## Rescued from Death.

The following statement of William J. Coughlin. of Somerville, Mass., is so remarkable that we beg to ask for it the attention of our readers. He says: In the fall of 1876 I was taken with a violent bleeding of the lungs followed by a severe cough. I soon began to lose my appetite and flesb. I was so weak at one time that I could not leave my -- "All things come to him who waits," but to the City Hospital. While there, the docmured Mrs. Specklewiggin, casting up her eyes. "That sunset is so poetical, and the yeller is so apt to remind him of Sophanisby! Always said that he was masterful in exprrssing things. Minervy is making a green cushion for his cane bottom chair, and some time quarter judiciously bestowed on a water will hurry the things up a little.—New Or as a half dollar. I expended over a hundred dollars in doctors and medicines. I was so far gone at one time a report wert around I was dead. I gave up hope, but a friend told more. I am thinking of taking a drive next week."—The Czar. week."—The Czar.

—An exchange publishes an article headed thinking that my case was incurable, but I got a bottle to satisfy them, when to my surprise and gratification I commenced to feel better. My hope, once dead, began to revive, and to day I feel in better spirits than I have

the past three years.
"I write this hoping you will publish it, so that every one afflicted with Diseased Lungs will be induced to take DR. WM. HALL'S BALSAM FOR THE LUNGS, and vinced that CONSUMPTION CAN BE CURED. I have taken two bottles and can positively say that it had done more good than all the other medicines I have taken

Louis, Mo., positively cure piles without knife or pain. Not a dollar unless cured. Send for circular.

Over 165,000 Howe Scales have been sold. Send for catalogue to Borden, Selleck & Co.. g neral agents. St. Louis, Mo.

Floreston Institute of all Perference. New, & Fashloasole. Sold Cologne ery. Signature of Hiscox & Co., N. Y., on every bottle. Farmers, Mothers, Business Men, Mechanice, who are tired out by work or worry, and he are miserable with Dyspepsia, Rheuma-Neuralgia, or Bowel, Kidney or Liver Comets, you can be invigorated and cured by using

PARKER'S GINGER TONIC

Hyou are wasting away with Consumption, Dissipation or any weakness, you will find Parker's Ginger Tonic the greatest Blood Fertilizerand the Bost Health & Strongth Restorer you Can Use and far superior to Bitters and other Tonics, as it builds up the system, but never intoxicates. 50 ct, and \$x sizes. Hacox & Co., Chemists, N Y.

PARKER'S Removes Dandru HAIR BALSAM Prevente Baidne Restona Colon. 6 54

E. T. Hollister & Co., Fruit and Produce

Commission Merchants, 805 and 807 Broadway, St. Louis, Mo,

# Challenge Well Auger Company

termelon patch and a bull dog in Iowa is having constructed for the world's fair a log cabin bed quilt containing 2,135 pieces. The blocks are relies of boys' pants, pried out of the jaws of the bull dog during the years that the owner was general manager of the melon patch.—Laramie Boomeranz.

CHALLENGE WELL AUGER CO. The Philadelphia Evening News says: CHALLENGE WELL AUGER CO.,
"If the immigrants that arrived in America 1420 NORTH TENTH STREET, ST. LOUIS, MO

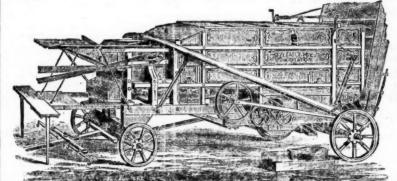
# Commission Merchants S' Conis - Mo. Consignments Solicited

Wheat, Corn, Oats, Tobacco, Wool, Hides, Hemp, Broom Corn, Castor Beans, Flax Seed, Timothy, Red Top, Clover, Miller and Hungarian SEEDS, and all FARM PRODUCTS will have 19-13 C. H. DANA, West Labanon, N. H. our personal attention on receipt.

Account of sales rendered promptly. Wheat sacks furnished those who desire to ship to us; rent, 3 cents each. Sacks for shipment of Flax Seed and Castor Beans (urnished on same terms Burlans and cunniles for Outs and Corn furnished at cost (sacks are sold with outs and orn.) Wool racks free for shipments to us. Sacks for seed furnished at cost. That thy, Clover, Millet and Fungarian seeds are sold "eacks extra." Shippers are paid for sacks according to value When we sell the seed we get within one to two cents of ortios sacks. Seed should be shipped in new cotton sacks. Information as to the markets cheercully given. Address

WM. M. PRICE & CO, 14 South Commercial Street, St. Louis, Mo.

Agitator I Agitator I



The Most Perfect Thresher and Saver Made. J. I. CASE Threshing Machine Co., RACINE, WIS.

M ENGINES.—Portable and Traction—8, 10, 12, 15, and 20-Horse.

SEPARATORS.—Agitator, Eclipse, Apron.—20 to 40-Inch Cylinders.

HORSE POWERS.—4-Wheel, Double Pinion Woodbury. Best in the W Make More and Sell More Threshing Machines than any firm in the World.

\*\*\*Send for Catalogue—it costs nothing. Mention name of this paper.

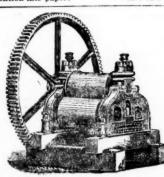
# SCAN'LIN'S SEAMLESS EVAPORATOR



'SOUTHERN" CANE MILL The best Sorgho Machinery in the market.

PRICES VERY LOW. Thos. Scantlin and Son, Manufacturers,

EVANSVILLE, IND. 23-6 cow

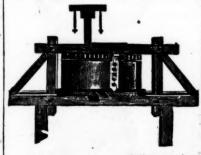


SUGAR MILLS In the World are Manufactured by

GEO. L. SQUIER & BRO. BUFFALO, N.Y,

Sevenity different sizes. In use in all cane growing countries, Amber cane manual tent free. 5 cow-ti

THE BEST I WO ROLLER CANE MIL IN THE WORLD. And Cheapest and Fastest.



Price. No. 1, Mill \$40.00 No. 2. '' 60 00 No. 3. Double Mill \$85 Send for Catalogue. Address A. DEMARCE, FAIRFIELD, IOWA.

STAR CANE MILL. Grinds lunce as fast dou-ble the capacity chespest Mili made, warranted in every respect. We manu-fact me ten different styles of cape mills, and a sull stock of evaporators and ugar maker's supplies. Send for circular to,

## EVAPORATORS Make Better SYRUP AND SUGAR

Patent Adjustable SUGAR CANE MILLS Evaporators, &c. Free List, address

MADISON MANF'S CO.

# Kingsland&Ferguson Manufacturing Co.

Our mills are horizontal and have all late im-provements for saving all the Juice, and doing speedy work. We make four sizes.

Dixie Evaporators, Either galvanized iron or copper pans, with or without portable furnace: also fixtures for brick or stone arch. \*\* Send for circular. Kingsland & Ferguson Mfg. Co., ST. LOUIS.

A Bargain.

I have one of the largest Madison Plantston
Mills for s.le. It is fired to run either by steam
or horse power. Also pars for Evanorating
and Delacating with all the steam as tachments
Mill in perfect order. Will sell the whole thing
at half price.
28 9.
Eigin Ill.

TIMKEN SPRING VEHICLES,



Are now used by thousands all over the country with the greates, satisfaction. They wear longer and ride easier, and bear a greater and more sudden strain, and are better adapted to the country, as well as city roads, than any other. They are manuscutured by all carriage Builders Address, 20.13
HENRY TIMERN, Patentice. St. Louis, Mo. 45-52

MANHOOD RESTORED.

A victim of carly imprudence, causing nervous debitsty, premainre decay, etc., having tried in value every known remedy, has discoversed a simple means of self-ours, which he will send free to his fallow sufferers. Address J. H. REEVES, 48 Chatham at., N. T.

#### Breeders' Directory.

For the convenience of many breeders who de not wish to insert large advertisements, we will insert cards in this column at reasonable rates which will be given on application.

H. V. P. Block, Abardeen, Pike county, Mo., breeds and bas for sale pure and sigh-bred Percheron stallions and marks by imported Napoleon Bonaparte, champion Almach trotters, pure Jerseys, Short-horn cattle and Berkshire pigs. Send for catalogues. 20-1

H ALLEN, Breeder of Thoroughershire soort-horn eatile, Cotswold sheep. Berkshire logs, Britzeturkeys and Light Brabana fowls. Altendals Stock Farm O'Fallon, St. Charles county, Mo.

H. RUSSELL, Fayetteville, Johnson coun-ty, Mo., breeder of Poland-China swine, Prices reasonable. Correspondence solicited.

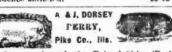
OHARLES G MCHATION. Agent, Fulton Mo. Breeder of pure Berkshires from imported and registered stock; winners of 36 cia.

vii (3:79) imported, at head of heid: was pure English Cot. woles, Stock for sale at rouses atcs. Correspondence solidied. 14-26

AMUEL JE \* ETT, Independence, Mo., importer and breeder of registered American Verino sheep. Satisfaction guaranteed to pur chasers.

## R. C. PEW,

Prairieville, Pike cousty, Mo., breeder of theroug bred Short horn eattle, importer and bre deer of pace English Cotswold and Shropselte Down sheep. Young stock for sale. Correspondence solicited. 26-13



Pike Co., Ills. hire and thester White switte, and Merino heep. Won 24 prizes in class and 4 sweep stakes in 1880 at Illinois State and St Louis Fairs Breeders recorded Stock for rale. Write on what you want. Mention this paper 14-28

## Poland-China Pigs

A SPECIALTY. G. W. Whiteside, Rock Prairie, Mo., makes
the breeding of pure Poland-Chinas a specialty
das's among his breeding stock nothing but
strictly first-class animals, registered in Americas P. C. Record. Prices low down. Address
G. W. WHITESIDE,

41-tf Greenfield Pade Co., Mc.

## For Sale

Jersey bull No 18'1, A. J. C. C. LUCIEN E. CLEMENT, Greenville III.

Spanish Merino SHEEP.

. BELL & SON, Brighton, Macoupin Co., MK.

Only 85 miles from 8t. Louis, on the CHICA-GO, ALTON & ST. LOUIS railroad, or the EOURFORD, ROCK ISLAND & ST. LOUIS railroad. Cheice ewes and rams, by wholesale or retail, at reaconable prices.

JOHN B. BLYHULUEN,
Horseshoer and Farrier. Road and Trackwork a specialty. 2717 Franklin avenue. 32-553.

Scotch Collie Shepherd Pups from impor ed well broke stock-R. F. HENRY, Columbus, Miss.



McCallum ombined Rack and Top Box Only \$10. Send stamp for circular. J. W. McCALLUM & BROS. MFG. CO., 10-13-eow 88 W. Lake street, Chicago, Ill.

# 50 All Gold Chromo & Lit'g. Cards, no 2 alike. Conn. Bros. · lintonville, Conn. 34 16-e w YOUNG MEN

READ THIS We will send ON TRIAL (before purchasing Dr. Joy's Celebrated Electric Devices. DIT. JUY'S CHEBTRIEU EJECTIC DEVICES,
Invented by Prof. Dougias A. Joy, of the University of Michigan, especially for the cure of
all Nervous Discasses, Generul Feeblity, Lost
Vigor and Haulhood, the results of abuses and
other causes. Also for Liver and Kidney
Discases, Rheumatism, Neuralgia, Paralysis. Female Troubles and many other discasses,
Wonderful cures quickly effected. Illustrated book
sent free. Address the manufacturers,
WAGNER & CO., Chicago, Ill.
26 52

617 St. Charles Street, St. Louis, Mo. A regular graduate of two Medical Colleges, has been longer located than any other Physician in St. Louis, as city papers show, and all old residents know. Synthiis Gonorrhoes, Gleet, Stricture, Orchitis, Rapture, all Urfnary Diseases and Syrbilitic or MarcurialAffections. Stricture, Stricture, Orchitis, Rapture, all Urfnary Diseases and Syrbilitic or MarcurialAffections. See the result of Self-Abuse in youth, scanal excesses in mature; years, or over brainwork, producing nervousness, eeminal emissions, debility, dimness of sight, defective memory, physical decay, aversion to society of females, confusion of ideas, loss of sexual power, or night losses, rendering marriage improper, are permanently cured. Consultation at office or by mail free—invited. Pamphles one stamp. Medicines sent by mail or supress. Cures guaranteed.

MARRIAGE PAGES

PLATES.

The whole story, well told, as it is true to life; on the following subjects: Who may marry, who not why. Manhood, Womanhood, Physical decay. Who should marry; How life and happiness may be increased; Ricete of collect and excess, and many more. Those married or contemplating marriage should read it then keep under

contemplating marriage should read it then keep under look and key. 25 cts. by mail in money or postage. Dr. Whittier, 51? St. Charles et., St. Louis. Mo. Private matters cured. Oldest office in U. S. call or write,

14-52



GOLD MEDAL AWARDED the Author A new and great Medical Wors, was ranged the best and cheapest, indispensable to every man, entitled "the Science of Life or, Self Pre-erration?" bou din finest Fiesch muelin, emb; sed, full gilt, 300 pp. contains beautiful a sel engrav.

INOW THYSILP ings. 23, 17, scriptions, price only 31,25 sent by mail, flustrated as mul. 6 ceuts; send now, Addre a Fea. trated somple, 6 cents; send now, Addre a Pen-body Medical institute or Dr. W. H. PARKER, No. 4 Businehat. Boston. 24-52

MANHOOD RESTORED.

# Cobacco Plant.

Weekly Tobacco Report.

Owing to the excessive hot weather which has had a paralyzing effect upon all branches of trade, we have a light business to report.

The market however ruled quite firm, and some special styles showed more strength. No change upon dark grades fall into gay and careless talk in the atlugs and leaf. Colory Callaway Co. tempt to be cheerful. smoking lugs and fillery leaf were in better request, and such styles being oblige your friend to talk. very scarce will likely continue in good demand the balance of the season.

The offerings of Burleys were light. The following from Benton Co., Ark. showed some excellent quality being smooth, good color and very flavory, ranging from common second to good leaf and brought \$860, 1000, 625, 9 00, 8 80, 1475, 15 00 and 13 25, afterwards 1500 was bid upon 3 best and also 1275 for the lot of 9 hhds. which was refused.

Our advices from the crop of our state is much to our regret far from encouraging, as the season for the past few weeks has been highly unfavorable and planters are becoming much discouraged. When they should take extra pains, cultivate well and rely upon sea-sons becoming more favorable later on. J. N. CROUCH.

Manager Peper Tobacco Warehouse.

#### Worming and Sukcering.

It is better not to plant a crop than to neglect to keep down both worms and suckers. The crop is worthless if either the one or the other be not faithfully done. The horn worm is the larva of the hawk moth, which appears first about May, and a second crop appears long is a cheap and convenient measure, but in a few weeks after. Each female moth lave undisturbed, some 200 eggs. It will be seen that it is better to devise some means for its destruction than yards long contains one acre. to wait and have to watch the 200 worms.

There are several ways of killing the yards long contains one acremoth. Some are using Griffith's trap, by which they are attracted by the light yards long contains one acre. and flying into the flame are burned. Others depend upon poisoning by injecting colbat syrup in the blossoms of the Jimson weed at dusk. Still others are trying the cobalt in a patent artificial Jimson blossom.

Another way is to set a coal oil lamp on a stand in a tub or large pan of water, with a little oil of some kind floating on the top. The moth flies to the light and There is no question of the good to be done by moth destruction if all tobacco growers would engage in it sytematically. But a large proportion of planters do not try to catch the moth and depend upon worming exclusively. This must be well looked to at the proper season; worm-eaten tobacco brings trash prices.

The sucker, if allowed to grow, takes the strength of the plant, and the leaf is light narrow and chaffy. Suckering is a tedious but necessary work, and must be done well and before the shoot gets too long. It grows rapidly, and many are caught laboring under the impression that they can get over the field in time. It is better always in advance of the worming and suckering season to engage extra help. It is believed that the quantity of worms will be less this year than last; but of one thing we may be sure, there will be enough to keep all hands busy to keep them off. There are no special directions to give as to the manner of doing this part of the work. Most any hand can do it directly. He must exercise patience, industry and system. Let uo guilty worm prices. Buyers pay first ten days' storage, escape.

For burns or scalds nothing is more soothing than the white of an egg, which may be poured over the wound It is softer as a varnish for a burn than collodon and being always at hand can be applied immediately. It is also more cooling than the "sweet oil cotbe the surest application to allay the smarting pain. It is the contact with air which gives the extreme discomfort experienced from ordinady accidents of this kind; and anything which excideds the air and prevents inflamation is the thing at once to be applied.

A standing antidote for poison by dew, poison oak, ivy, etc., is to take a handful of quicklime, dissolve in water, let it stand half an hour, then paint the poisoned parts with it. Three or four application will never fail to cure the most aggregated the most aggrivated case.

Nose Bleeding.—A famous English physician recommends to a patient the following remedy, which has been uniformly found to be effectual: A dose composed of fifteen drops of clixir of vitrioi in a wine-glassful of water. The moment that this dose was swallowed.

\$15 50.

HEMP—Undressed \$95@110, dressed \$145 composed in a wine-glassful of water. The composed that this dose was swallowed. moment that this dose was swallowed, the hæmorrhage ceased,

A peculiarity of the Hawkins family, of Waxshachie, Texas, is that the members are born with five fingers on each hand, the joints and nails on these superfluous mem ers being perfect. The fifth finger is attached to the hand near the little finger by cular tissue alone, and is easily removed by a skillful surgeon

Baked Indian Pudding.-Boil a pint of -Bake 11/2 hour.

BRIGHT'S DISEASE AND ICE WATER.

—London Medical Journal: The idea has recently been advanced that Bright's disease is attributable to the immoderate use of ice water and cold drinks, the fact being cited that the people of this country use ninety per cent.

75@2, good to choice \$2 25@2 50, iancy large \$2 75; docks \$1 75@2 for young, \$1 75@1 75 for old; turkeys at \$6@8. New Porators—Home-grown mainly at 75@85c per bu; consigned lots at \$1 75@2 per bbl.

Ontons—Small lots sold at \$1 70@1 75 immoderate use of ice water and cold drinks, the fact being cited that the people of this country use ninety per cent. more in their drinks than the people of any other country—the inhabitants of Greenland not excepted—and that we have seventy-five per cent. more of Bright's disease. The wine-drinking counties of Europe are said to be comparatively free from the malady, while in America the progress of the disease, it is asserted, has kept pace with the increased consumption of ice.

per bbl.

Ontons—Small lots sold at \$1 70@1 75 per be.

Tomatous—Market lower by large receipts of home-grown; demand good, however. Consignments ranged at 25c per %-bu box is in quality. Home-grown shipping fruit at \$2 50@3 per bbl packed.

Phones—Hale's early at 50@1 75, Mobile choice at \$3 10.

move about the room quietly.

3. Carry a cheerful face, and speak cheerful words. 4. In order to cheer you need not tell

5. If your friend is very sick, do not

ew days.
10. If desirable, some little delicacy to tempt will be well bestowed.

11. The perfume of some flowers is poisonous, and they should never be fered and untaken at \$1 10 pure test. Offer-carried into the sick room. Especially ings undesirable. is this true of the tuberose, heliotrope, hyacinth, orange, lilac, syringa and

Stay only a moment, or a few minutes at the longest, unless you can be of some help.

#### Useful Hints for Measuring Land.

Almost every farmer has some way of measuring land, and the most common is to step fine at 24@27c, ordinary fine at 21@24c, off five paces for a rod, and call sixty by good medium at 27@30c, ordinary medium sixty-five paces an acre. For ordinary pur. at 25@27c. Coarse unwashed at 22@25c. sixty-five paces an acre. For ordinary purposes this mode will answer, but when the 68,200 its medium and below. exact measurement of a piece of land is desired, it cannot be depended upon as being some little improvement to demand. We

A light pole just eleven and a half feet

ing table of distances: A plot of ground 5 yards wide by 968

A plot of ground 10 yards wide by 484 yards long contains one acre. A plot of ground 40 yards wide by 121 A plot of ground 80 yards wide by 601/6

A plot of ground 70 yards wide by 69 1-7 yards long contains one acre.

A plot of ground 440 feet long by 99 feet

contains one acre.

feet wide contains one acre. One acre contains 160 square rods, 4840 square yards, or 43,560 square feet.

the length, breadth and height together, in feet, to obtain the cubic feet; multiply this product by four and strike off the right figure, and the result will be shelled bushels

## The Day Kidney Pad

is by far the best remedy for diseases of the kidneys and urinary organs \$2, of all druggists. Children's (cures bedwetting)\$1.50.

Some of the leading manufacturers of tobacco have increased prices for their goods. They give as a reason, increased goods. They give as a recost of the raw material.

# The Markets.

St. Louis, July 13th, 1881. hands. Small order lots charged at higher 8 temper 1 sheep \$2 20@2 00; landes per hands. Small order lots charged at higher 8 00; texas sheep \$2 00@4 00. except in special bins.]

FLOUR-Sales: 31 brls at \$3 35, 12 at \$4 35, 200 at \$4 25, 225 brls at \$4 50, 46 at

WHEAT—No. 2 red at \$1 17, No. 3 at \$1 face, no headache, and is in other ways 12, No. 4 at \$1 07. Mediterranean, this side greatly improved.

—21 cars No 2 \$1 17, No 3 at \$1 11. Rejected had a bid of 95c.

BABLEY-New fall at 70c.

OATS—No 2 at 41c, rejected at 42c. New sacks, this side—18 at 43c, 232 good mixed at 44c, 232 prime at 55c, 100 choice at 45c. HAY—Receipts and offerings large, and faded hair, and is market dull. Sales: On E. trk—1 car prime is why Parker's H mixed at \$11, 2 prime timothy at \$11 50, 1 strictly prime at \$12 50, 2 choice at \$14@ 15; this side—4 cars choice new prairie at \$8 50, 1 prime timothy at \$12, 1 clover at

55.

Baling Sturrs—Jobbing rates bagging—
2-lb jute 10@11c, flax and flax-mixed 10c.
Hemp twine 14@15c.
Highwines—Steady and firm at \$1 08.
Lead—Soft Missouri at \$4 50.
Butter—Trade light. Creamery at 22@

24c and occasionally 25c in small quantities, choice dairy at 19@20c, medium at 14@16c, low at 9@11c, near-by country make at 8@9c for common to 10@12c for sweet.

Cherse—Full cream at 9@10c, prime part skim at 5½@6½c, poorer grades at 1½

00; young—small \$1 25@1 50, medium \$1 75@2, good to choice \$2 25@2 50, fancy

o. Tell the news, but not the list of the sick and dying.

9. If possible carry something with you to please the eye and relieve the monotony of the sick room; a flower, or even a picture which you can loan for a few days.

MAPLE SUGAR AND STRUE—Sugar: Dark and soft 8c, bright 10c, pure Vermont 12@ Send for catalogue to Borden, Selleck & Co., general agents, St. Louis, Me.

Over 165,000 Howe Scales have been sold.

Grass Seeds—New timothy was received and sold yesterday for the first time this seamontony of the sick room; a flower, or even a picture which you can loan for a few days.

75@85e: Missouri millet at \$1 @1 25: Geran millet at \$1 75@2; timothy 2 15 July to \$2 August and \$1.85 Sept. Orders higher. Flaxseed—Dull and lower to sell; spot of-

ings uudesirable.
HEMP SEED—In fair demand at \$1 10 ithout, \$1 15 with sks. CASTOR BEANS-Quiet, nominal at \$1 36

SALT-Domestic sells at \$1 40@1 45 per

bbl; G. A. at \$1 20@1 25 per sack. Hors—N. Y. 1880 crop 23@25c from store. Wool-Walter Brown & Co., 152 Federal street, Boston, quote: Missouri—Fine at 24 @28c, medium at 28@32c. Kansas—Good

Woor-Unchanged, although there was quote: Tub-washed-choice 39@40c, dingy and low at 31@35c; unwashed—clear bright medium 231/2@24c, fair do 22@23c, low and coarse 18@21c, light fine 17@20c, heavy do 13@16c. Black, cotted, burry, and lots containing dunglocks, range from 3@10c per lb less than fleeces in good condition; southern burry 11@12½c; for each wool sack, 3½ lbs tare deducted and 25c allowed. Sales: Unwashed 3 sks burry at 1816c, 15 dark Kansas at 19½c, 6 burry and fine at 20c, 9 at 22½c. 24 and 16 Kansas medium at 23c, 4 Texans at 24%c; Tub washed 5 sks at 381/c, 8 at 39c.

HIDES-Dull and weak; offerings running poor in quality. Dry flint 16@161/2e-damag-A plot of ground 220 feet long by 198 feet dry bull and stag 10½c; green salt 9c damaged 7¼c; green uncured 7¼c—damaged 6¼c; green bull and stag 5¼@6c. Glue

A plot of ground 110 feet wide by 396 feet ong contains one acre.

A plot of ground 240 feet long by 181 1-2 feet wide contains one acre.

A plot of ground 240 feet long by 181 1-2 feet wide contains one acre. 40c; tare 3@10 per cent.

SHEEP PELTS-Green: Large \$1 20@1 40; quare yards, or 43,560 square feet.

One rod contains 80.25 square yards, 572.25
quare feet.

To measure corn in the crib: Multiply he length, breadth and height together, in eet, to obtain the cubic feet: multiply this

avy steers \$5 50@5 90, medium to fair steers \$5 00@5 40, fair to good Colorado steers \$4 75@5 50, fair to good stockers \$3 75 @4 25, fair to good feeders, 1,000 to 1,100 fbs. \$4 75@5 10, native cows, common to choice \$2 00@3 50, native heifers, fair to choice \$3 25@3 70, common to choice native oxen \$3 00@4 00, good to choice corn-fed Texan steers \$4 25@5 20, medium to fair con-fed Texan steers \$3 50@4 00, interior to common mixed \$3 00@3 45, common to good grass Texans \$2 50@3 75, milch cows with calves \$18 00@42 00, veal calves \$4 00

Hoss—Light shipping, 120 to 130 lbs, \$5 40@5 75: rough ends \$5 25@5 75; Yorkers \$6 10@6 20; fair to good heavy packing \$6 00@6 30: good to choice heavy **\$6** 40@6 50.

Shekp—Common to medium muttons \$2 50 @3 25; fair to good muttons \$3 50@4 00; [Prices herewith are for round lots in first good to choice muttons \$4 10@4 60; stock sheep \$2 25@2 85: lambs per head \$1 50@

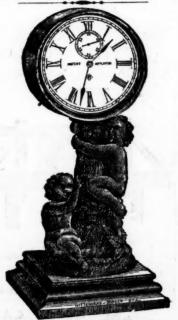
## RESTORED FROM A DECLINE.

NORTH GREECE, N. Y., April 25, 1880. Dr. R. V. Pierce, Buffalo, N. Y.: Dear \$5 50, 129 at \$5 90, 444 at \$6 30, 140 at Sir-I feel it my duty to write and thank RYE FLOUE-On orders at \$2 65@2 70 you for what your "Golden Medical Discovery" and "Favorite Prescription" Ban—Sales: Sacked—2 cars at mills at have done for my daughter. It is now 64c, 126 aks on levee at 65c, 1 car E track at five weeks since she began their use. She is more fleshy, has more color in her

Conn—No 2 mixed at 46c, No 2 white-mixed at 49c, rejected white-mixed at 45c. Rys—No 2 sold at 98c, and more offered at same.

Pastures are benefited by being crop-ped by sheep. They not only keep down the weeds, but have more fertil-izing materials in their droppings than

Because it adds to personal beauty by restoring color and lustre to gray or faded hair, and is beneficial to the scalp, is why Parker's Hair Balsam is such a



This beautiful clock, an ornament to any room in cottage or mansion, is given as a premium to any one who sends us twelve new subscribers for one year. We have sen out hundreds of them for premiums; some of which have been running for several years, and all keep accurate time, and give unboun-ded satisfaction. Every one who reads this can get up the club and get this excellent

Calling on the Sick.

1. Only call at the door, unless you are sure your friend is able to see you Chickasaw. Home-grown Chickasaw at \$1 25 \$\emptyset\$ bu.

Plums—Consigned lots sold at 40@50c \$\emptyset\$

Many cases which come to us for treatment by Compound Oxygen are of a class which no physician of any school would undertake to cure. They are, in fact such as have run the gauntlet of fact such as have run the gauntlet of 25 # bu.

WATERMELONS—Selling \$10@12 per 100 fact, such as have run the gauntlet of experiment within the regular schools experiment within the regular schools. 6. Don't ask questions, and thus oblige your friend to talk.

7. Talk about something outside, and thus on the compound of the

# THE BEST

FOR MAN AND BEAST.

For more than a third of a century the lexican Mastang Limiment has been nown to millions all over the world as see only safe reliance for the relief of scidents and pain. It is a medicine ove price and praise—the best of its

which speedily cures such ailments of the HUMAN FLESH as
Rheumatism, Swellings, Stiff
Joints, Contracted Muscles, Burns
and Scalds, Cuts, Bruises and
Sprains, Poisonous Bites and
Sprains, Poisonous Bites and
Sprains, Stiffness, Lameness, Old
Sores, Ulcers, Frostbites, Chilblains.
Sore Nipples, Caked Breast, and
indeed every form of external disease. It heals without scars.
For the BRUTE CREATION it cures
Sprains, Swinny, Stiff Joints,
Founder, Harness Sores, Hoof Diseases, Foot Ect, Serew Worm, Seab,
Hollow Horn, Scratches, Windgalls, Spavin, Thrush, Ringbone,
Old Sores, Poll Evil, Film upon
the Sight and every other ailment
to which the eccupants of the
Stable and Stock Yard are liable.
The Mexican Mustang Liniment
always cures and never disappoints;
and it is, positively,

# THE BEST

FOR MAN OR BEAST.

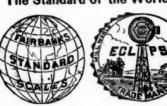
6-52

BOLSTER SPRINGS FOR FARM WAGONS. Made of Best Oil Tempered Steel. The ONLY RELIABLE Bolster Spring in Use.



SEMPLE & BIRGE MFG. CO., ST. LOUIS, MO.

The Standard of the World.



# Eclipse Wind Mills The Strongest Mills Made.

SAFFST TO BUY

Because warranted the best (same as Scales) an warrantee is substantial Contain all improvements. Prices lowest, quality considered. Sen or catalogue describing article wanted. FAIRBANKS & CO.,

302 & 304 Washington Averez, St. Louis, Mo AGENTS FOR

THE HANCOCK INSPIRATOR THE BEST BOILER FEEDER KNOWN.

# Strawberries!

Grown in pots and ready for shipment after Au gust 1st. New descr.ptive priced catalogue free. ELLWANGER & BARRY, Rochester, N. Y.

VASSAR COLLEGE, POUGHKEEPSIE, N. Y.
For the liberal education of women. Examina
ions for entrance Sept. 1i. Catalogues sent of
application to W. L. DEAN, Registrar. 39-

# D. HARTER'S

We will give the TEN BOOKS described below, including one year's subscription COLMAN'S RURAL WORLD, for \$2. In other words, any subscriber who will renew him scription for another year at the regular price, and at the same time send \$1 extra, by \$2 in all, will receive the RURAL WORLD for another year from the expiration of passbscription, and the ten books mentioned below.

Thus by renewing for another y ar you get cooks that would otherwis cost you FIFTEEN DOLLARS FOR ONE DOLLAR.

PARTICULAR NOTICE.—We reserve the right to withdraw this Dollar Offer at any seriore subscribe at once if you want these TEN BOOKS FOR ONE DOLLAR, and tell all your find have many the grandest offer of the century.

LIFE and ADVENTURES of ROBINSON CRUSOE. JOHN PLOUGHMAN'S PICTURES; Or, More of his Piain Talk for Piain People, by lier, Chas. H. Spurgeon. This book is exceeding humorous and instructive, using the simple form of words and very plain speech. To such evil, and essecially the monster evil of drink, has been the author's carnest endeavor. The humorand homely wisdom of this book should carry into every household. Complete in one volume-containing a great number of pictures. This well-known book may be ranked as the most popular standard juvenile book ever printed. Our edition is comblete, and contains the wonder fal adventures of a cast-away upon a desert island. Complete in one vol. Fully illustrated.

Island. Compare in one vo. Fully interest.

THE PILGRIMS PROGRESS

From this world to that which is to come. This remarkable book, as every one knows, was written under the similitude of a dream, by John Bunyan, the most popular religious writer in the English language; and perhaps more copies have been sold than any other book except the Bible. Our edition is complete and unabridged, with appropriate illustrations.

ULLIVER'S TRAVELS.
This book tells of the supposed travels and surprising adventures of Lenuel Guiliver into several remote regions of the world, where he met with a race of people no larger than your hand. Also his wonderful exploits among glants. Complete in one volume. Pinely Hustrated.

THE ARABIAN NIGHTS' ENTERTAINMENTS. Illustrated with numerous wood engravings, descriptive of those many strange and singular stories which the legend says the Sultaness of Persia related to the Sultan night after night, in order to prolong her life, and tuns finally won his affections and delivered the many virgins, who but for her would have been sacrificed to his unjust resemment.

SAVED AT LAST FROM AMONG THE MORMONS. Every man and woman in the land should read this story which is founded upon facts, and gives an insight into the low estate of woman under the Mormon rule.

BREAD AND CHEESE AND KISSES. READ AND CHEESE AND KISSES.
By B. L. Farjeon. A very popular Christmas story after the style of Dickens; abounds in excellent and novel features; is chiefly remarkable for its admirable picture of country life, giving the history of a very happy and contented young couple who thought no lot in life too lowly for the pure enjoyment of Bread and Cheese and Kisses. Complete in one volume, with illustrations.

ESOP'S FABLES.

The Fables of Æsopus, an spt representative disgreat social and intellectual movement of the grain which he aderned. Born a slave, he forced way by his mother-wit into the courts of prises. He knew that to be tolerated in courts he must speak to please, and he gave lessons both to prise and people by recitals of fables, which were very popular in Athers during the most brilliant period of its literary history; and he who had at Æsop's Fables at his finger's ends was looked upon as an illiterate durine by Athenian gentlemen. In one vol. Very profusely illustrated. NOBLE DEEDS OF MEN AND WOMEN. A history and description of noble deeds preeming correct and beautiful models of noble life to awaken the impulse to initiate what we admire. By the recorded actions of the great and good wregulate our own course, and steer, star-guided, over life's trackless ocean.

ÆSOP'S FABLES.

NEW FARM AND FIRESIDE COOK BOOK.

BEST COOK BOOK EVER PUBLISHED. COOK BOOK.
BEST COOK BOOK EVER PUBLISHED. Contain
about 1,000 Recipes. It is just the book that ear
wire and housekeeper needs. It tells how to cot
all kinds of bread, cakes and meats; it tells how
to make all kinds of soup; it gives recipes for coding fish, oysters, poultry and game; it tells how
select the best poultry, fish, meats, etc.; it give
the best methods of preparing sauces and salaord all kinds of very subject for the table; and

select the best poultry, fish, meats, etc.; it gives the best methods of preparing sources and salar and all kinds of vege tables for the table; and the housekeeper all she needs to know about bread, biscuits, rolls, puddings, pies, custards, cream, cookies, tea, codec, chocolaic, home-made canding antidote for poleon, cooking for the sick, and many other useful things.

Complete in one volume, with illustrations. ] over life's trackless occum.

The usual price of these books bound in cloth is \$1.00 to \$3.60 each, yet they will be published in also yook form and bound in heavy paper, and for a short time, in order to introduce them, the published bove. These books comprise a wide range and striking diversity of the most brilliant and pleasing productions of the most noted and popular authors, and include books of travels, adventures, fiction and humor, as hat all tastes will be suited, and any one obtaining these ten books with possess a library of ten of the most noted and popular books ever published. We have not room to give an extended description of each book, but as one can but be delighted who obtains these noted books at so low a price, and we expect that many of our readers will avail themselves of this offer, which is not likely to occur out once in a lile-time.

THE BOOKS will be the latest and most complete editions, and will contain many illustrations, ne alone requiring thirty-nine pictures to complete it.

THE PAGES are about 51/2 by 8 inches—the most convenient size for reading and preservation

THE TYPE is Minlon, easy on the eyes. THE PAPER is heavy and of a beautiful white color. THE FIRST BOOK, Robinson Cruses, was ready arout April 1st. One of the others will follow ry two weeks and be mailed to subscribers as soon as published.

MONEY SNOULD BESENT by Post Office Money Order or Begistered Letter, addressed to

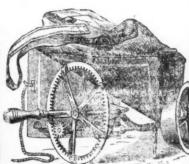
COLMAN'S RURAL WORLD. 600 Olive Street, St. Louis, Mo.

PEARCE'S IMPROVED

# CAHOON'S PATENT BROADCAST SEED

For Sowing Wheat, Oats, Hemp, Barley, Rye, Buckwheat, Grass Seed, Rice, Flax, &c.





The Hand Machine \$6. Sows from four to eight acres per hour at a common walking gast, throwing out wheat sheet wide. Special gate for grass seed.

The Horse Power Machine \$30.

At the usual walking gait of a horse sows from ten to fifteen acres per hour.

The machine, at a common walking gait sows from four to eight acres per hour. The senowledged superiority of these machines over all others has already placed them in the frest rank of labor saving segricultural implements. A saving of four-fifths of the labor and one-third of the seed used in hand sowing is effected by using these machines. A person entirely usused sowing by hand can use either machine with perfect success.

They are warranted to give perfect satis action and to save their cost in less time than any other farm implement yet introduced. They are substantially built and with ordinary care all last many tears. last many years.

Dealers will write for trade discounts.

L. M. RUMSEY MF'G. CO.,

St. Louis, Mo.

Kentucky Cane Mills,

Amber Cane Mills,

Ramey Evaporators,

Scantila Evaporator

Made from the best material, durable in Made from the best interest, durable in cost uction, economical in ope attos and satisfactory in quality of work done. These goods he taken the lead in all sorghum countries when they have been introd c-d, and they are confidently recommended as the best in the market. In cost ection with the above we offer a general line of Plovs, Wago. S and Farm Machinery. Catalogues furnished on application,

DEERE, MANSUR & CO., St. Louis, Mo. Manufacturing Co.

Kingsland & Ferguson

FRACTION AND PLAIN ENGINE

Kingsland & Ferguson Mig. Co., St. Law MENTION THIS PAPER.